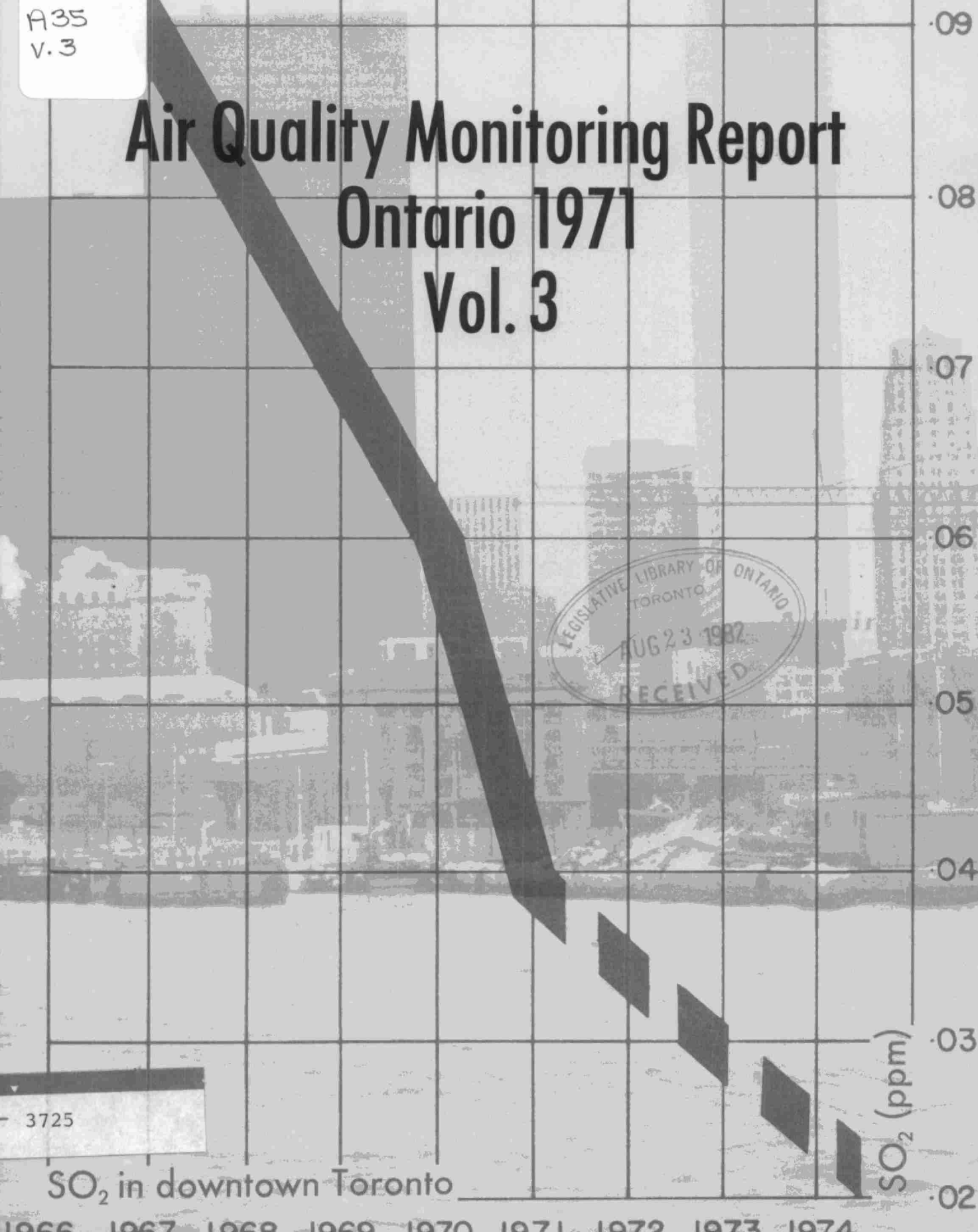


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Air Quality Monitoring Report Ontario 1971 Vol. 3



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TL Air Quality Monitoring Report
Ontario 1971
Volume 3 - Soiling Index



PL Ministry of the Environment
Air Management Branch

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH JAN 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	12	6	6	5	5	7	7	8	8	3	3	6	6	5	5	6	6	7	7	5	5	6	6	6
2	3	3	4	4	8	8	4	4	15	15	3	3	5	5	0	0	3	3	5	5	5	5	2	2	5
3	5	5	2	2	3	3	2	2	2	2	0	0	0	0	3	3	3	3	2	2	2	2	2	2	2
4	2	2	7	7	5	5	5	5	2	2	4	4	13	13	7	7	3	3	3	3	2	2	2	2	5
5	5	5	3	3	5	5	9	9	5	5	5	5	6	6	6	6	3	3	5	5	4	4	7	7	5
6	6	6	5	5	3	3	8	8	8	8	9	9	5	5	7	7	4	4	6	6	2	2	7	7	6
7	6	6	7	7	4	4	7	7	7	7	5	5	12	12	3	3	5	5	2	2	7	7	7	7	6
8	13	13	11	11	11	11	13	13	13	13	15	15	6	6	2	2	4	4	7	7	8	8	4	4	9
9	9	9	8	8	6	6	11	11	7	7	12	12	9	9	7	7	9	9	10	10	5	5	7	7	8
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11	5	5	9	9	3	3	6	6	7	7	7	7	11	11	7	7	7	7	8	8	2	2	5	5	6
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14	4	4	7	7	7	7	10	10	7	7	4	4	5	5	7	7	7	7	5	5	4	4	2	2	6
15	4	4	2	2	2	2	6	6	6	6	3	3	2	2	2	2	3	3	4	4	1	1	3	3	3
16	2	2	3	3	2	2	3	3	1	1	4	4	0	0	2	2	3	3	3	3	5	5	3	3	3
17	0	0	3	3	1	1	2	2	2	2	3	3	2	2	5	5	2	2	2	2	3	3	4	4	2
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21	2	2	2	2	4	4	0	0	2	2	4	4	3	3	9	9	3	3	5	5	2	2	7	7	4
22	4	4	3	3	4	4	10	10	3	3	5	5	0	0	3	3	3	3	3	3	4	4	3	3	4
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26	2	2	3	3	2	2	2	2	2	2	0	0	4	4	3	3	0	0	3	3	0	0	2	2	2
27	3	3	3	3	1	1	2	2	2	2	5	5	2	2	0	0	4	4	4	4	5	5	2	2	3
28	3	3	3	3	2	2	3	3	2	2	3	3	2	2	2	2	4	4	0	0	0	0	4	4	2
29	5	5	4	4	5	5	2	2	1	1	2	2	2	2	3	3	2	2	2	2	5	5	0	0	3
30	3	3	0	0	2	2	3	3	0	0	2	2	2	2	2	2	0	0	2	2	3	3	3	3	2
31	4	4	5	5	3	3	2	2	5	5	0	0	2	2	2	2	2	2	0	0	3	3	2	2	3
MEAN	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	4	4

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH FEB 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11	****	****	****	****	****	****	****	****	****	****	****	****	****	7	6	7	8	7	8	6	6	6	7	6	****
12	6	8	13	8	8	9	9	11	4	11	10	15	16	12	9	8	7	7	5	5	4	4	4	19	9
13	13	4	3	3	3	4	4	6	0	8	13	9	6	7	4	4	3	4	5	5	7	6	5	4	5
14	4	4	4	3	3	3	3	4	3	8	8	6	5	4	3	3	5	7	5	6	6	7	4	4	5
15	7	10	8	6	7	9	10	11	0	10	9	10	9	10	9	8	9	8	8	8	7	5	4	4	8
16	4	5	4	4	4	3	5	7	0	6	6	4	4	3	5	6	6	6	6	6	6	5	5	5	5
17	6	5	5	5	5	6	7	8	2	13	12	10	10	9	9	9	10	9	10	15	15	11	7	7	9
18	9	11	10	12	7	7	6	6	9	8	10	****	12	12	11	13	17	16	14	15	13	15	15	21	12
19	15	8	8	****	6	7	6	7	****	6	7	6	7	8	10	6	10	11	11	10	9	10	10	9	9
20	9	8	5	3	5	3	6	7	****	6	7	8	7	7	6	13	5	3	4	5	5	6	5	5	6
21	5	4	4	4	2	3	3	4	3	4	6	5	5	5	7	3	4	3	4	4	2	7	6	6	4
22	5	8	8	7	4	3	4	7	6	5	5	9	5	5	5	7	10	8	6	6	5	8	12	6	6
23	9	8	7	6	4	3	4	5	5	6	10	10	9	9	9	10	12	12	10	8	6	4	5	4	7
24	4	3	3	3	3	3	7	6	5	8	9	10	11	11	11	21	16	13	10	8	7	6	7	11	8
25	7	9	9	9	8	8	7	8	8	10	12	9	10	8	7	7	****	8	8	9	9	9	9	10	9
26	10	9	10	10	10	8	11	14	7	9	7	8	7	6	6	3	6	8	5	6	****	6	6	4	8
27	3	5	6	7	2	2	3	3	3	3	5	6	5	****	0	1	****	****	****	****	****	****	****	****	****
28	****	****	****	****	****	****	****	****	****	****	****	2	****	4	4	4	4	4	5	7	8	7	7	9	****
MEAN	7	7	7	6	5	5	6	7	4	8	9	8	8	8	7	7	8	8	7	8	7	7	7	8	7

PERCENTAGE OF DATA VALID - 58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAR 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	5	****	10	5	7	10	11	11	13	13	****	8	****	****	7	12	12	10	9	12	13	14	8	10
2	8	10	10	10	11	13	18	15	5	13	10	8	6	6	5	5	****	5	8	5	6	3	5	5	8
3	4	4	4	4	6	7	5	5	4	6	4	5	5	6	5	5	6	6	5	5	9	6	6	4	5
4	5	4	4	5	4	4	6	6	****	****	****	****	****	****	****	5	4	4	6	8	8	10	11	9	6
5	7	8	12	14	15	12	12	6	9	6	6	5	6	6	7	7	8	8	8	8	8	7	11	9	9
6	12	9	7	5	5	5	6	7	****	6	5	8	9	10	10	9	8	11	10	13	11	11	15	16	9
7	11	8	5	5	3	3	3	6	1	4	4	4	4	3	3	5	4	4	4	4	4	6	3	2	4
8	3	2	4	4	3	4	6	6	****	5	4	4	3	4	4	5	5	5	4	3	3	3	4	3	4
9	8	4	3	3	****	5	12	11	****	10	8	5	4	5	5	6	8	7	5	4	5	6	7	6	10
10	8	8	6	5	5	6	9	9	2	11	10	8	9	14	12	12	14	8	9	8	9	16	20	12	10
11	10	7	6	6	6	6	7	7	4	8	7	7	6	6	6	7	8	6	6	6	5	5	6	5	6
12	5	6	7	7	5	6	9	12	5	10	11	9	9	11	10	10	11	8	8	7	7	7	9	7	8
13	7	7	6	6	7	12	14	15	4	16	14	14	13	15	13	8	6	6	6	9	13	10	8	9	10
14	11	13	13	12	13	14	21	17	3	14	13	11	11	10	8	****	4	4	3	3	2	3	4	3	9
15	3	4	3	3	3	4	8	3	5	5	5	7	8	8	9	8	7	8	11	15	9	9	8	7	7
16	8	7	3	3	4	4	5	6	2	6	5	7	6	5	5	5	6	6	6	7	6	7	11	9	6
17	10	8	6	7	7	8	7	8	****	2	5	5	4	4	3	3	3	6	****	****	****	9	7	9	6
18	10	7	12	16	17	12	12	16	3	5	8	6	5	5	5	4	4	4	4	3	2	****	****	3	7
19	3	2	3	3	2	2	2	2	2	2	7	****	4	3	3	2	3	6	6	9	4	6	3	2	4
20	1	1	0	1	1	0	0	1	****	****	3	2	2	1	1	1	4	4	4	0	1	1	1	1	1
21	1	1	0	1	1	2	2	2	2	2	3	4	4	3	3	2	2	2	2	2	2	3	3	2	2
22	2	2	2	1	2	3	5	5	4	4	4	4	4	3	4	5	6	4	2	2	2	4	4	3	2
23	4	3	2	2	2	****	3	4	2	2	2	2	2	2	2	2	3	3	2	1	1	1	0	3	4
24	0	0	0	0	1	0	0	0	2	1	0	0	0	1	****	****	****	6	6	7	7	8	10	8	3
25	8	7	7	7	6	9	9	11	****	****	4	4	3	4	3	3	4	4	3	4	3	4	4	4	5
26	4	4	3	3	4	4	7	4	5	4	3	4	3	3	4	6	5	5	5	7	7	7	7	8	5
27	9	11	7	10	11	15	12	8	4	4	4	5	3	4	5	3	2	4	5	5	7	6	6	8	7
28	5	6	5	7	7	9	10	9	7	9	10	9	4	3	5	3	3	3	4	5	4	4	4	5	6
29	3	4	5	4	6	5	8	9	5	5	4	4	4	4	3	4	4	4	3	3	3	3	3	4	4
30	3	3	3	4	4	5	11	10	7	5	3	3	3	3	3	3	4	4	4	4	5	5	6	5	5
31	3	3	3	4	5	5	8	8	11	8	7	8	6	6	9	7	8	8	7	7	6	6	6	5	6
MEAN	6	5	5	6	6	6	8	8	4	7	6	6	5	5	5	5	6	6	6	6	6	6	7	6	6

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH APR 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	8	8	6	5	4	4	4	5	5	4	5	5	5	4	5	6	4	3	3	2	4	4	4	5
2	4	4	4	6	3	6	4	3	4	6	5	5	4	6	4	5	5	6	4	6	6	8	4	3	5
3	3	3	2	4	4	5	5	4	5	3	4	4	4	4	3	3	3	3	3	3	3	3	4	5	4
4	6	8	5	5	5	6	6	5	4	3	2	2	2	5	2	3	3	4	4	5	4	5	5	4	4
5	5	7	10	4	3	6	14	18	6	5	3	3	4	3	3	5	5	3	5	3	4	4	5	4	6
6	6	5	3	5	4	4	6	5	6	7	6	4	4	4	4	4	3	4	4	3	6	6	5	7	5
7	7	8	12	16	19	23	27	31	27	17	10	9	5	4	4	3	3	5	4	4	4	4	5	5	11
8	7	9	14	10	16	14	11	9	5	6	6	3	2	3	3	3	6	8	6	6	7	8	8	8	7
9	8	7	5	4	4	5	4	5	5	6	7	7	9	8	7	6	3	1	6	2	3	2	1	3	5
10	2	2	2	2	2	2	3	4	2	3	2	2	2	2	2	3	3	4	3	3	3	4	5	3	3
11	3	3	3	3	3	3	5	4	3	3	1	1	1	2	3	5	4	3	9	7	4	6	6	7	4
12	6	7	8	5	7	7	7	8	13	14	12	14	14	8	5	5	5	7	6	8	6	7	6	6	4
13	5	4	5	5	5	6	4	3	3	5	6	6	6	6	5	4	5	6	6	7	6	5	4	3	5
14	4	4	3	3	4	4	5	5	5	6	4	3	3	3	2	3	3	3	3	5	6	9	6	7	4
15	7	8	8	8	11	16	24	19	11	15	12	12	6	7	8	7	12	8	7	5	6	6	7	6	10
16	7	8	14	20	27	19	13	13	17	29	11	15	8	8	9	9	9	7	8	8	7	8	9	10	12
17	12	10	6	6	7	8	9	10	11	14	16	13	12	11	12	10	10	9	10	9	8	8	8	7	10
18	7	7	8	7	7	6	6	7	6	4	3	3	2	2	2	2	2	5	4	5	0	5	6	6	5
19	6	8	8	8	8	12	16	20	13	7	6	3	2	3	2	3	6	6	4	5	5	8	7	9	7
20	8	9	11	10	13	14	18	28	16	10	9	8	11	12	9	5	4	4	4	5	6	6	5	11	11
21	16	15	7	8	2	2	3	3	4	4	3	3	3	3	3	3	3	3	3	3	2	2	2	3	4
22	3	2	2	2	3	2	3	4	5	4	3	3	3	2	2	3	3	3	3	4	4	4	5	7	5
23	9	5	4	4	3	4	6	10	9	4	3	1	1	2	2	2	3	5	4	4	5	10	8	5	3
24	2	1	2	2	1	2	2	3	5	5	3	3	3	2	2	2	2	2	2	3	4	2	3	3	3
25	4	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	2	2	3	2
26	3	3	1	3	2	2	2	4	5	3	4	4	3	3	3	3	3	3	3	3	3	4	4	5	3
27	5	8	6	7	19	24	18	16	6	4	4	4	3	4	3	4	3	3	3	2	4	4	5	3	7
28	5	6	8	6	10	8	8	9	13	14	12	6	6	7	6	6	6	6	8	5	5	4	3	3	7
29	3	2	2	2	2	3	6	5	5	4	4	4	3	3	4	4	4	4	4	5	4	5	4	5	4
30	5	6	5	5	4	5	8	10	10	3	3	3	4	4	4	6	5	6	5	4	5	7	8	7	6
MEAN	6	6	6	6	7	7	8	9	8	7	6	5	4	5	4	4	5	5	5	5	4	5	5	6	6

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAY 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	7	6	6	6	8	6	5	5	4	5	3	4	3	2	3	3	3	3	3	4	5	7	5
2	8	9	8	6	9	7	4	4	4	4	3	4	5	5	2	2	2	2	2	2	3	9	2	3	5
3	3	3	3	3	3	3	6	6	6	4	2	3	3	3	3	3	3	4	3	4	3	7	6	7	4
4	8	10	9	7	7	7	9	9	7	4	2	2	3	5	5	5	5	5	5	5	5	6	4	4	6
5	3	3	3	5	3	11	7	8	8	4	4	4	3	3	4	6	6	8	7	6	5	4	5	5	5
6	7	7	6	5	7	10	7	4	7	5	6	4	4	3	4	3	2	3	4	4	6	5	5	6	7
7	9	6	14	15	19	10	14	7	5	2	4	3	4	3	4	4	6	4	6	5	7	5	5	6	7
8	5	5	6	5	3	4	4	6	5	4	2	2	2	3	2	3	3	2	3	3	5	8	7	7	4
9	5	6	9	5	3	7	9	6	7	8	8	6	4	5	3	3	3	2	2	3	5	7	5	5	5
10	7	5	4	6	8	12	11	10	10	5	3	3	3	4	3	2	3	3	3	4	5	5	5	7	5
11	6	5	5	7	7	7	11	9	7	6	6	5	5	3	4	4	4	5	5	6	9	9	5	6	6
12	5	5	6	6	8	5	3	3	3	3	3	3	3	2	2	3	3	2	2	2	2	2	3	3	3
13	2	3	3	6	6	8	10	7	15	8	6	6	4	4	6	5	4	3	2	3	5	5	5	7	6
14	5	3	3	2	3	3	4	7	5	2	2	3	6	3	5	5	5	3	2	2	2	3	4	3	4
15	3	3	4	5	5	7	7	7	6	6	6	6	6	5	5	5	4	3	4	5	4	5	6	6	5
16	6	7	7	8	10	8	7	8	6	11	7	7	6	6	3	2	2	1	3	4	6	3	3	4	6
17	4	5	7	9	5	6	7	6	4	4	3	2	3	1	2	2	2	2	4	5	1	3	2	3	4
18	5	5	5	5	5	5	6	6	6	6	4	4	4	4	4	4	4	4	4	6	5	6	5	5	5
19	5	5	5	6	9	7	5	6	5	5	6	5	5	6	5	4	5	9	5	8	4	7	2	2	5
20	2	4	5	4	5	6	6	5	4	3	2	3	2	6	6	3	2	2	2	2	3	5	9	18	5
21	24	17	12	13	16	8	9	9	4	2	2	2	2	2	3	5	4	4	3	2	3	3	2	3	6
22	3	2	6	5	4	5	4	5	4	3	2	1	2	1	1	1	2	2	2	3	4	3	4	5	3
23	10	8	8	10	5	3	3	2	1	1	1	2	1	1	2	1	2	1	2	2	3	4	2	4	3
24	4	3	4	5	5	5	6	5	5	5	4	4	3	4	3	3	7	1	2	9	9	4	3	2	4
25	0	0	2	2	2	3	3	3	4	6	3	5	5	7	8	6	5	5	5	8	7	13	6	10	5
26	10	8	7	11	9	6	6	7	4	6	6	4	3	4	4	4	3	4	3	4	4	9	5	3	6
27	3	3	2	1	1	2	5	6	7	6	4	3	3	4	5	4	4	3	3	3	3	5	4	4	4
28	5	8	6	4	5	5	7	6	3	1	0	0	1	1	3	5	3	2	2	3	4	7	0	8	4
29	12	11	11	14	16	17	18	8	4	3	4	3	2	1	2	2	3	4	3	4	3	5	6	12	7
30	21	15	9	6	5	5	9	6	5	4	3	3	2	3	2	1	1	2	3	3	6	10	10	9	6
31	8	2	2	3	4	6	5	7	5	4	4	3	3	3	2	2	4	4	6	6	3	8	3	3	4
MEAN	7	6	6	6	7	7	7	6	6	5	4	4	3	4	4	3	4	3	3	4	4	6	5	6	5

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUN 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	2	3	3	3	4	3	4	3	4	4	5	4	4	5	****	2	5	5	3	3	5	2	4
2	4	2	3	2	4	6	5	7	10	5	10	5	6	4	4	3	4	4	3	4	5	6	4	5	
3	4	3	5	6	11	12	9	17	10	4	4	4	4	4	3	4	4	5	6	6	10	14	12	7	
4	10	17	14	12	12	17	16	13	11	10	6	5	4	6	5	5	6	6	9	9	14	15	19	22	11
5	21	19	18	20	22	22	16	13	12	13	10	9	8	7	7	8	8	6	6	5	5	6	4	4	11
6	4	6	8	5	6	6	10	10	7	5	9	8	3	4	8	5	8	****	****	****	4	4	7	6	
7	5	7	4	4	6	4	4	5	5	5	5	4	5	5	5	4	6	5	6	5	****	****	8	10	5
8	5	3	3	3	2	2	2	1	4	3	3	4	4	3	4	4	3	3	1	2	2	4	3	2	3
9	4	6	7	7	6	5	6	9	4	5	3	3	3	4	2	3	3	3	2	3	3	3	4	4	4
10	3	5	4	6	8	16	10	5	5	4	3	2	3	2	3	3	2	2	2	3	3	3	5	8	5
11	4	2	2	5	4	4	6	8	10	8	7	7	8	10	11	8	6	6	7	6	9	8	8	11	7
12	7	5	7	8	6	8	9	5	12	5	9	8	9	5	6	3	5	4	8	10	14	5	3	4	7
13	4	14	3	5	2	7	4	2	4	4	3	3	3	3	4	7	3	4	5	4	3	3	3	6	4
14	4	5	4	5	7	6	5	5	4	10	6	6	5	7	6	9	6	4	4	5	8	8	9	8	6
15	8	8	8	8	10	14	9	7	6	7	5	4	4	5	4	4	3	4	4	4	4	4	5	4	6
16	5	4	4	4	4	5	6	7	8	9	8	4	4	4	4	4	5	4	3	2	4	4	6	6	5
17	5	5	4	6	7	11	11	8	7	8	8	7	7	6	4	4	5	1	4	5	5	7	8	5	6
18	5	6	7	7	7	9	10	9	10	10	9	7	4	0	3	2	4	5	4	5	6	14	7	7	7
19	7	6	12	9	8	8	9	9	10	9	8	8	2	8	15	6	5	3	5	5	4	6	6	5	7
20	5	19	17	5	4	3	5	3	6	4	8	4	3	4	4	5	6	5	3	4	2	1	2	3	5
21	2	2	3	3	3	2	4	5	5	5	4	4	4	3	4	3	3	5	2	2	2	3	4	3	3
22	3	3	5	7	6	6	7	6	6	6	7	5	5	5	4	5	5	4	3	5	7	5	6	4	5
23	4	4	5	6	5	9	7	5	14	12	8	9	7	6	6	5	4	5	5	5	5	7	8	11	7
24	10	12	11	10	8	9	11	13	12	10	8	9	8	7	7	9	4	5	5	6	5	15	7	7	9
25	7	6	9	12	1	4	6	8	9	4	4	6	4	4	4	4	4	5	6	6	6	6	5	2	6
26	3	2	4	3	3	3	4	4	4	4	4	5	5	5	6	3	2	3	10	3	2	4	5	3	4
27	5	5	7	8	6	6	6	7	11	11	11	8	6	6	6	6	6	6	6	6	8	8	14	7	7
28	15	16	16	12	8	1	4	9	9	9	6	4	4	4	5	4	5	5	4	3	6	5	10	9	7
29	9	9	14	0	2	3	4	3	7	14	9	9	7	7	5	5	6	3	4	4	6	6	7	10	6
30	5	5	5	5	7	9	8	9	11	7	7	7	7	7	6	5	5	5	4	3	5	8	8	7	6
MEAN	6	7	7	7	6	7	7	7	8	7	7	6	5	5	5	5	5	4	5	5	5	6	7	7	6

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

	STATION - 471 UNIVERSITY WINDSOR OAMST								NO 12008								MONTH JUL 71									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	5	7	7	6	5	5	7	5	8	5	4	4	3	4	3	4	3	3	3	4	3	2	3	3	5	5
2	2	2	2	3	2	2	2	3	3	4	3	3	2	2	2	3	3	3	3	3	2	2	3	2	3	
3	4	5	5	6	5	8	7	7	6	5	4	5	4	3	2	2	1	1	2	3	3	4	3	4	4	
4	3	2	2	3	4	4	7	6	4	4	4	3	3	4	3	4	3	4	3	4	4	4	4	7	4	
5	7	6	6	7	6	7	7	7	6	5	5	5	5	5	8	5	9	4	3	4	8	6	4	4	6	
6	10	6	5	6	5	6	7	7	7	5	4	4	2	3	3	3	2	2	2	3	4	5	5	5	5	
7	6	7	6	7	7	10	12	12	10	6	6	6	4	3	2	2	4	3	7	7	8	9	8	6	6	
8	7	6	8	8	2	10	9	10	8	7	6	7	7	7	6	4	4	4	4	7	8	9	8	7	6	
9	9	8	11	7	4	4	6	7	6	7	5	5	6	6	6	5	12	4	4	5	5	6	6	11	6	
10	9	8	7	8	9	8	5	5	7	7	6	6	6	4	3	3	4	3	3	3	3	4	4	4	5	
11	3	4	5	2	2	2	3	2	2	2	4	3	3	2	2	2	1	2	3	2	2	4	4	2	3	
12	2	2	2	2	7	8	7	6	4	3	2	2	2	3	2	2	6	3	3	4	5	3	3	5	4	
13	4	4	4	3	4	5	4	4	6	10	8	5	5	4	4	3	3	3	3	4	3	2	3	2	4	
14	2	5	3	4	4	4	5	5	5	4	****	****	****	****	****	****	****	****	****	****	3	3	2	3	****	
15	5	6	6	7	7	9	10	9	16	37	9	9	****	****	****	****	17	10	7	6	7	10	8	6	10	
16	6	7	8	10	11	11	8	9	11	16	3	5	5	5	5	7	6	4	6	7	9	7	7	17	8	
17	8	7	3	1	2	0	1	2	2	4	4	4	5	1	4	2	2	2	3	2	4	6	9	9	4	
18	9	13	9	9	7	7	7	1	2	4	6	3	5	5	4	5	6	6	2	1	1	1	7	0	5	
19	5	3	2	5	4	4	3	7	10	9	7	9	5	3	6	4	8	1	1	2	1	4	3	5	5	
20	2	7	6	8	6	6	12	9	5	4	5	3	3	4	5	6	3	3	5	5	6	8	9	9	6	
21	12	12	13	16	12	17	16	12	12	10	3	3	5	4	5	4	4	4	3	5	5	3	4	9	8	
22	8	7	5	11	9	6	6	8	7	5	4	5	8	5	5	4	5	2	7	4	3	5	5	8	6	
23	10	8	7	9	9	10	14	13	12	8	5	6	4	4	2	5	4	3	3	4	11	9	9	7	7	
24	5	12	8	6	7	9	15	18	8	4	4	6	4	8	7	5	7	8	4	4	7	10	6	5	7	
25	13	12	14	8	4	3	6	5	4	7	6	5	7	5	6	2	3	1	8	1	8	3	5	3	6	
26	6	6	5	7	5	5	7	10	8	8	5	5	3	2	1	5	2	2	2	1	1	1	1	1	4	
27	4	2	5	5	8	11	10	12	5	6	8	4	3	4	3	3	4	1	4	5	8	6	5	5	5	
28	6	7	12	8	13	9	10	10	5	6	5	10	5	3	3	4	11	8	5	13	7	5	5	6	7	
29	5	5	6	5	6	9	9	22	12	7	5	5	2	2	4	4	1	2	3	3	2	3	7	8	6	
30	5	6	3	6	3	6	10	14	10	3	5	5	4	2	2	2	4	4	4	4	4	5	4	8	5	
31	8	1	1	2	1	1	1	1	1	0	3	1	0	1	1	1	2	****	****	2	0	6	9	3	2	
MEAN	6	6	6	6	6	7	8	8	7	7	5	5	4	4	4	4	5	3	4	4	5	5	5	6	5	

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

	STATION - 471 UNIVERSITY WINDSOR OAMST								NO 12008				MONTH AUG 71																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	10	8	9	10	10	8	10	6	7	5	5	2	3	***	***	***	***	***	***	***	***	***	***	***	***				
2	***	***	***	***	***	***	***	***	10	7	6	4	3	6	3	4	4	6	3	5	6	7	7	10	6				
3	7	6	4	4	3	4	8	6	8	6	8	4	5	7	5	6	5	3	1	2	1	2	3	0	3				
4	1	3	3	2	3	6	7	8	5	3	4	2	5	3	9	1	2	4	0	2	4	2	2	4	4				
5	1	7	7	10	19	17	15	21	16	6	7	5	3	4	***	***	***	***	***	***	***	***	***	***	***				
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	7	***	6	0	***	***	3	4	11	***				
7	13	9	6	6	7	4	4	5	8	5	7	7	4	5	4	5	4	4	4	18	27	10	7	10	8				
8	12	9	8	11	12	13	18	6	17	11	10	13	9	9	9	7	5	0	0	0	0	0	0	0	7				
9	0	0	0	0	0	0	0	13	13	11	5	6	4	4	8	6	5	3	2	8	2	7	4	4	4				
11	6	6	***	3	5	***	***	4	2	3	5	6	2	3	5	2	0	3	4	3	5	1	3	6	4				
12	6	13	10	12	23	20	24	20	14	9	5	5	6	4	7	2	6	5	3	5	4	5	5	5	9				
13	5	19	3	4	8	6	8	9	7	7	8	4	0	5	5	5	3	4	4	4	8	5	11	7	6				
14	7	7	8	13	12	11	13	12	13	11	5	8	5	4	4	2	7	4	3	6	2	0	2	2	7				
15	1	2	3	1	***	***	2	1	0	0	2	2	2	3	4	4	2	0	1	1	3	1	3	4	2				
16	1	1	5	0	1	4	6	8	4	2	6	5	3	3	4	5	4	4	4	5	3	4	6	6	4				
17	9	11	9	10	11	9	17	10	12	13	14	11	11	6	4	6	7	3	5	4	5	4	8	14	9				
18	16	18	20	16	13	9	15	17	18	8	11	11	9	7	10	7	8	6	6	7	10	9	7	13	11				
19	11	14	14	12	14	17	13	18	13	12	9	6	7	3	5	8	5	7	6	4	8	12	17	10	8				
20	8	14	14	10	15	16	14	12	8	9	3	4	5	3	3	5	6	0	3	3	7	8	9	13	8				
21	10	2	5	4	7	11	5	5	6	5	4	6	5	4	5	2	2	2	3	4	2	5	3	5	5				
22	7	5	19	11	9	8	10	11	10	8	6	6	5	2	2	3	5	5	3	1	2	3	7	4	7				
23	8	9	6	2	4	1	16	5	8	4	4	4	3	2	0	2	0	0	5	3	0	1	4	4	4				
24	6	5	3	1	2	5	7	7	3	1	2	1	5	8	3	4	2	5	4	3	2	4	7	2	4				
25	5	5	4	3	5	9	10	14	4	6	3	2	3	2	4	3	3	4	6	4	6	4	1	3	5				
26	6	7	8	5	8	5	3	3	4	6	6	5	6	5	7	2	7	2	3	3	11	5	4	7	7				
27	2	5	4	15	6	6	9	13	10	13	9	7	5	6	5	6	7	5	***	***	7	4	4	7	7				
28	4	5	3	3	6	6	4	5	7	3	3	4	4	3	3	5	4	5	5	6	8	17	16	15	6				
29	14	6	5	6	9	5	4	5	4	5	3	2	3	3	4	5	3	2	6	2	6	4	7	8	5				
30	14	11	11	10	13	19	13	20	13	6	5	4	7	3	1	6	2	9	8	7	0	4	3	2	8				
31	2	3	4	0	0	2	2	4	4	5	3	5	4	2	4	3	1	5	2	3	6	6	7	6	3				
MEAN	7	7	7	6	8	8	9	9	9	7	6	5	5	4	5	4	4	4	3	4	5	5	6	7	6				

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH SEP 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	1	2	0	1	4	2	5	7	5	6	7	8	6	3	6	4	6	4	4	6	6	7	4	5
2	3	7	4	4	4	5	12	13	11	5	10	11	5	6	7	6	5	3	5	3	6	3	4	4	6
3	4	3	8	6	4	5	6	7	7	3	5	4	5	6	3	3	5	2	6	3	2	5	5	7	5
4	5	4	7	4	6	4	4	7	4	5	4	4	3	6	6	1	4	2	3	3	3	4	3	4	4
5	3	3	5	5	3	5	2	6	3	6	7	4	3	4	3	6	4	3	5	3	3	7	3	6	4
6	4	5	6	3	4	2	4	0	7	5	5	4	3	3	1	0	0	7	0	0	0	0	0	0	3
7	0	0	0	0	0	0	0	7	5	7	6	7	7	1	6	7	5	4	5	7	7	7	7	7	4
8	7	6	7	6	7	5	7	7	7	6	4	2	0	3	6	5	5	7	7	8	7	11	8	4	6
9	5	1	4	4	4	1	3	5	3	4	4	3	3	6	1	2	6	2	1	0	3	4	5	2	3
10	3	1	5	3	0	6	12	7	9	5	4	5	7	7	5	7	6	4	4	9	6	9	7	1	6
11	7	8	9	8	6	8	3	8	3	1	****	2	3	3	1	6	2	****	3	2	3	5	1	4	4
12	3	4	1	2	2	4	7	4	3	1	0	3	2	4	2	0	3	1	****	1	1	3	3	1	2
13	4	1	3	3	3	4	5	8	5	5	5	5	4	5	6	5	3	2	6	4	5	7	5	7	5
14	8	8	3	4	6	8	10	20	12	13	8	6	6	8	7	5	2	5	6	5	4	6	7	5	7
15	5	4	7	7	7	10	5	13	8	7	1	2	1	6	3	1	1	6	1	3	5	1	4	4	5
16	1	6	4	5	5	2	8	11	15	11	7	0	1	4	5	1	4	2	5	2	3	4	4	5	5
17	2	6	6	4	7	2	6	9	6	5	4	3	5	5	3	3	0	2	1	14	5	3	5	3	5
18	4	4	2	8	5	5	4	7	7	1	1	0	3	2	0	4	5	2	2	3	2	4	6	3	4
19	1	4	3	6	2	3	1	3	2	3	6	2	4	7	5	3	3	6	4	6	8	5	7	7	4
20	6	3	6	5	8	****	****	****	****	****	****	****	****	****	2	5	6	5	4	8	7	8	6	6	****
21	5	7	6	6	6	11	12	19	24	14	6	3	3	3	1	2	2	0	4	6	7	10	6	13	7
22	13	9	5	8	14	17	29	28	18	7	4	2	3	3	3	3	2	1	4	4	6	5	9	6	8
23	6	6	6	5	7	14	19	13	17	16	12	7	6	6	4	4	4	2	****	****	2	2	3	4	7
24	4	4	****	****	6	5	7	8	11	9	5	4	5	5	4	4	5	2	8	6	10	12	12	15	7
25	14	15	13	12	9	13	21	18	9	6	4	2	2	2	3	3	2	3	3	3	4	4	3	3	3
26	4	3	3	4	2	2	3	2	3	3	7	4	2	3	4	4	6	5	7	7	6	5	6	6	5
27	2	3	3	3	4	4	6	9	11	9	9	7	4	2	3	4	6	5	7	7	6	5	6	5	4
28	6	6	5	7	9	16	10	9	9	7	6	5	4	3	4	4	3	3	4	4	5	5	5	4	6
29	5	5	6	5	6	6	8	11	9	7	6	6	4	3	5	6	4	4	5	9	3	2	2	2	6
30	2	2	3	2	2	2	6	5	3	4	4	6	4	3	3	3	21	4	4	4	3	6	4	4	4
MEAN	5	5	5	5	5	6	8	9	8	6	5	4	4	4	4	4	4	3	4	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH OCT 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	6	7	13	10	11	13	15	10	9	8	8	9	7	6	9	7	8	8	9	8	8	9	9
2	8	10	9	8	9	10	16	11	9	10	9	8	11	13	10	7	5	7	7	6	8	14	9	9	9
3	6	11	7	7	5	5	6	8	8	7	6	6	5	5	3	4	4	7	5	5	8	10	5	8	6
4	8	6	1	3	3	2	4	7	4	7	4	4	5	5	3	4	4	5	5	5	5	5	6	7	5
5	7	10	9	6	6	10	9	12	13	10	8	4	5	3	3	5	4	4	4	4	5	6	9	7	7
6	6	4	2	3	3	3	4	5	4	3	3	3	2	3	3	5	5	4	3	3	3	2	2	3	3
7	3	2	2	3	4	4	7	7	6	3	2	3	3	2	3	2	3	4	3	4	6	13	18	23	18
8	19	17	16	14	11	17	12	13	13	7	5	3	2	8	5	5	4	4	9	8	6	5	3	5	6
9	3	3	4	4	6	8	8	7	8	9	8	6	6	5	5	4	4	4	9	8	6	5	3	3	8
10	4	4	5	4	5	5	5	4	5	5	5	4	3	2	2	2	2	2	3	7	12	5	2	3	4
11	7	3	5	3	2	5	8	6	10	5	4	3	3	1	2	2	5	3	4	4	4	5	5	5	4
12	7	5	7	9	10	15	19	15	17	16	7	5	4	3	3	3	5	4	7	9	10	10	13	7	9
13	6	8	5	5	4	5	9	8	7	5	5	4	5	7	10	11	9	11	12	15	12	9	6	7	8
14	6	6	7	6	7	8	14	11	8	8	9	7	6	7	7	7	8	9	6	8	8	12	8	9	8
15	10	6	9	8	8	10	10	15	10	9	11	13	11	8	7	7	5	7	13	11	11	9	10	9	9
16	11	21	11	13	13	15	14	14	13	12	14	12	10	10	6	7	9	6	5	5	4	5	4	4	10
17	4	5	5	5	5	6	6	5	5	4	6	5	6	6	6	6	6	6	7	5	4	4	5	7	5
18	9	8	8	8	5	9	9	10	10	9	6	7	7	8	8	9	9	7	9	9	6	6	5	5	8
19	7	8	8	8	10	11	12	15	14	9	14	6	6	6	4	3	3	7	8	12	9	7	5	6	6
20	6	6	7	9	8	6	8	10	7	5	4	4	4	4	5	6	7	7	6	6	6	6	5	6	6
21	6	6	5	5	8	6	7	11	7	5	3	3	4	3	3	4	7	8	8	6	8	7	6	6	6
22	8	7	6	8	8	8	8	10	10	9	7	5	4	3	4	4	11	7	5	5	4	4	4	4	6
23	3	4	4	5	6	8	7	7	6	11	13	14	7	6	4	3	5	2	3	3	4	3	3	2	6
24	2	2	3	3	3	3	7	5	5	4	4	4	8	10	8	8	6	7	3	7	3	3	3	2	5
25	2	3	3	4	4	3	3	5	5	7	5	5	5	5	6	7	5	5	3	3	5	6	5	5	5
26	4	7	6	6	9	9	10	7	6	6	7	10	6	6	5	6	10	5	5	4	5	4	5	7	6
27	6	6	9	6	6	7	8	9	6	5	5	4	3	2	4	4	4	3	4	4	3	4	3	4	5
28	4	6	6	3	4	12	7	9	5	5	7	8	10	7	6	7	5	4	5	9	10	12	12	14	7
29	17	12	8	4	11	13	15	14	9	5	6	8	9	7	4	6	6	8	9	7	7	6	7	9	9
30	8	10	13	17	19	10	9	8	12	11	9	7	7	5	4	4	4	6	5	5	5	5	6	7	8
31	8	9	7	5	6	8	7	8	6	4	4	3	4	3	2	1	1	4	3	3	7	5	5	5	5
MEAN	7	7	7	6	7	8	9	9	9	7	7	6	6	6	5	5	6	6	6	6	7	7	6	6	7

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH NOV 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	6	6	6	7	11	17	19	12	5	2	5	2	2	2	6	6	6	5	4	4	4	4	5	6
2	6	4	3	2	2	3	6	5	5	7	4	3	4	3	4	4	3	3	5	5	6	5	4	8	4
3	8	6	8	7	13	8	8	8	7	5	4	0	1	3	2	3	3	9	6	4	3	3	5	3	5
4	3	3	3	4	5	4	7	9	9	7	6	1	3	2	2	3	5	6	4	8	10	14	10	9	6
5	8	8	5	4	3	3	3	4	5	4	4	4	4	3	2	3	4	4	2	2	0	3	3	3	4
6	3	4	3	3	4	3	3	3	5	4	2	3	3	6	5	2	3	3	4	8	3	2	3	3	4
7	2	2	2	2	2	3	3	5	4	7	3	4	3	2	2	2	2	2	3	3	4	3	3	4	3
8	4	4	5	5	5	6	12	13	17	15	11	6	1	3	4	2	6	6	9	7	6	6	4	5	7
9	4	4	4	1	2	3	5	4	5	10	15	8	10	8	8	10	11	9	10	8	6	5	9	7	7
10	6	7	6	4	6	7	10	8	9	10	10	9	8	6	2	4	6	8	6	7	9	6	6	4	7
11	2	2	2	1	3	4	5	5	7	7	7	10	6	6	7	6	5	3	3	8	7	7	7	8	5
12	9	10	***	10	10	10	10	10	13	13	11	14	10	11	9	8	12	6	12	16	22	21	17	19	12
13	16	14	13	9	6	8	9	6	6	4	6	4	2	4	2	1	1	2	2	1	0	1	2	3	5
14	***	4	4	4	4	***	3	5	5	4	6	6	4	8	7	8	8	8	8	7	7	4	4	5	6
15	5	4	5	6	5	7	11	15	12	9	9	3	11	11	11	11	11	11	11	7	6	6	12	8	9
16	8	8	6	6	8	15	22	7	18	6	6	7	4	6	3	***	***	***	***	***	***	***	***	***	***
17	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	17	12	12	18	11	12
18	10	8	8	8	8	8	10	10	11	11	5	8	9	8	7	7	8	7	7	6	8	5	5	5	8
19	4	4	5	4	2	6	5	5	5	8	4	5	6	6	9	7	6	9	9	7	4	7	6	7	6
20	6	4	6	3	5	2	3	5	0	6	5	5	5	7	3	5	5	4	4	3	3	2	3	3	4
21	4	2	5	2	1	2	2	3	4	4	3	4	4	3	6	3	4	5	5	4	3	4	1	3	3
22	7	2	3	3	3	4	4	7	9	8	7	6	6	5	5	4	6	7	***	3	7	7	9	10	6
23	13	9	12	17	12	16	20	26	12	7	3	3	4	3	3	5	7	6	6	5	11	4	4	4	9
24	5	6	6	5	6	5	10	10	7	8	9	10	15	13	19	18	19	16	13	8	7	7	7	11	10
25	9	10	9	9	10	10	9	12	15	14	13	14	8	6	6	8	8	6	8	7	6	6	9	10	9
26	7	8	5	7	8	7	7	10	11	7	8	8	3	2	8	4	12	8	6	5	4	3	5	6	7
27	5	6	6	6	7	5	6	6	7	8	10	13	11	7	7	7	7	5	5	5	4	4	4	4	6
28	3	5	5	4	4	3	4	5	3	4	4	4	4	4	5	4	4	5	4	5	4	4	4	3	4
29	3	4	3	2	3	3	3	3	12	9	4	4	4	7	6	9	10	9	8	6	5	6	5	5	6
30	5	4	4	4	3	4	6	***	***	8	6	7	4	2	2	5	6	5	4	4	4	4	4	4	5
MEAN	6	6	5	5	5	6	8	8	8	8	6	6	5	5	5	6	7	6	7	6	6	6	6	6	6

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH DEC 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	5	4	6	8	13	17	28	8	7	5	4	4	4	8	5	6	7	6	***	8	13	8
2	14	14	14	16	14	15	19	34	34	22	11	10	6	9	13	4	8	3	12	7	12	9	11	7	13
3	14	12	12	10	10	18	19	18	22	15	17	11	12	12	14	17	18	19	18	17	18	10	10	10	15
4	7	8	8	8	4	4	8	11	12	9	5	3	4	6	6	5	8	8	8	6	4	9	8	7	7
5	7	7	6	5	6	6	8	10	11	10	7	7	11	15	14	16	18	18	17	13	10	17	10	11	11
6	10	8	5	4	6	6	10	11	7	9	11	9	11	9	7	7	8	7	7	6	6	6	7	4	8
7	6	7	7	7	10	9	7	9	12	11	12	7	10	12	9	11	11	9	11	10	9	8	10	10	9
8	8	7	7	7	8	11	11	3	12	10	6	7	8	8	6	10	13	10	9	9	9	8	8	8	8
9	10	7	5	5	7	8	9	9	10	8	7	7	6	5	5	4	2	2	10	9	4	6	5	6	7
10	3	3	3	3	2	6	4	6	7	9	10	11	8	5	4	4	3	6	5	8	10	11	12	6	6
11	9	10	8	8	7	7	9	17	15	14	6	13	14	12	16	8	11	8	6	11	10	9	4	3	10
12	3	3	4	4	3	4	7	8	8	8	7	7	5	5	6	6	8	9	9	10	14	18	21	20	8
13	18	17	4	8	7	8	8	8	6	11	9	7	8	7	9	8	11	12	10	12	14	15	13	14	10
14	10	9	5	5	4	6	9	8	8	8	5	7	1	0	0	4	8	9	3	6	3	2	5	2	5
15	3	6	6	4	4	6	6	6	7	7	7	5	8	1	4	5	6	5	4	5	6	7	7	5	7
16	8	8	10	12	9	6	8	8	6	4	5	5	4	5	4	5	4	4	3	1	3	3	3	4	6
17	3	4	3	2	2	3	4	5	7	7	7	8	5	4	4	6	5	5	2	3	4	4	5	3	4
18	3	4	3	2	2	3	4	5	7	5	4	3	6	6	4	4	3	4	4	5	5	5	7	7	5
19	5	5	5	4	4	4	4	4	5	7	5	4	3	6	4	4	3	4	4	5	5	5	7	7	5
20	6	5	5	5	6	7	17	12	12	13	15	14	15	15	20	13	11	11	19	19	10	10	8	9	12
21	9	9	8	8	8	8	9	7	8	6	7	6	6	5	7	5	6	6	7	7	6	5	8	7	6
22	14	5	4	3	2	4	7	8	13	14	8	4	2	2	4	4	6	3	6	7	6	7	9	9	7
23	8	7	9	7	7	9	11	10	11	9	8	11	10	10	9	7	8	8	5	6	6	5	5	6	8
24	8	6	3	4	4	8	12	12	10	7	5	4	4	4	3	3	3	3	3	3	3	3	7	5	5
25	9	10	5	4	6	4	4	4	0	7	1	3	5	1	5	4	6	5	5	6	7	6	4	9	5
26	10	7	9	9	8	5	6	6	6	8	6	9	6	8	7	8	7	6	6	5	12	12	9	8	5
27	2	4	3	3	3	2	3	3	5	4	6	7	1	10	7	8	10	3	6	4	5	3	3	3	3
28	5	2	2	3	3	3	3	4	22	8	11	5	4	4	5	9	5	4	4	5	4	5	4	5	4
29	7	9	7	7	7	4	4	25	8	12	13	14	11	11	7	9	10	8	7	6	7	7	7	9	9
30	9	8	6	6	5	8	7	7	6	6	7	10	10	6	5	4	5	5	4	3	3	3	4	3	6
31	3	2	3	2	2	4	7	7	11	10	9	8	7	6	4	5	7	6	8	5	5	4	5	5	6
MEAN	8	7	6	6	6	7	8	10	10	8	8	7	7	7	7	7	8	7	8	7	7	8	7	8	8

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	9	15
FEB	18	7	12	21
MAR	31	6	10	21
APR	30	6	12	31
MAY	31	5	7	24
JUN	30	6	11	22
JUL	31	5	10	37
AUG	31	6	11	27
SEP	30	5	8	29
OCT	31	7	10	23
NOV	30	6	12	26
DEC	31	8	15	34
YEAR	355	6	15	37

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	480	238	26	0	0	0	0	744
FEB	94	252	39	5	2	0	0	392
MAR	291	340	71	9	1	0	0	712
APR	349	304	38	19	9	1	0	720
MAY	381	335	19	7	2	0	0	744
JUN	271	380	44	14	4	0	0	713
JUL	334	350	34	8	1	1	0	728
AUG	293	300	67	26	4	0	0	690
SEP	355	302	33	9	5	0	0	704
OCT	211	448	70	13	2	0	0	744
NOV	267	343	56	17	4	0	0	687
DEC	170	447	89	29	6	2	0	743
YEAR	3496	4039	586	156	40	4	0	8321

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
94	0	1.6	3.2	4.6	6.4	9.8	12.4	15.7	18.0		37	5.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

MONTH MAR 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25	12	11	13	11	9	8	10	****	****	****	****	****	3	1	1	2	1	2	1	3	2	5	2	2	5
26	2	1	2	2	3	2	5	2	6	2	2	1	1	2	4	3	2	2	4	2	4	5	4	4	3
27	3	5	4	4	5	5	7	8	4	2	2	2	2	2	2	2	2	3	3	4	3	5	3	3	4
28	5	2	4	4	5	6	7	6	****	6	5	5	4	3	2	1	1	2	2	4	3	2	2	1	4
29	2	4	2	2	3	2	3	3	****	3	2	4	5	3	3	4	7	6	5	4	4	5	3	3	4
30	3	2	4	8	6	8	9	4	****	4	5	5	****	3	4	6	4	5	2	2	3	2	2	2	4
31	2	2	2	3	5	5	5	6	1	4	3	4	4	4	5	4	4	4	4	3	4	4	3	4	4
MEAN	4	4	4	5	5	5	7	5	4	4	3	4	3	3	3	3	3	3	3	3	3	4	3	3	4

PERCENTAGE OF DATA VALID - 21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

MONTH APR 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	4	5	4	4	4	3	3	5	6	6	4	3	4	4	4	5	2	3	3	3	3	4
2	3	3	2	7	4	3	2	3	2	8	4	4	3	4	5	5	4	5	2	3	3	4	2	2	4
3	2	2	2	2	2	2	2	3	5	2	1	4	2	2	2	1	1	2	2	2	3	4	2	3	2
4	5	3	3	4	3	2	3	3	****	2	2	2	2	2	2	1	1	2	7	6	6	5	4	3	3
5	5	4	5	4	4	2	3	5	2	1	2	2	2	2	2	3	2	2	2	2	3	3	3	3	3
6	3	3	2	3	3	3	4	3	****	3	3	4	3	3	3	2	2	3	2	3	3	4	4	6	3
7	6	7	13	14	15	19	****	14	4	14	10	8	5	4	5	5	5	7	4	3	4	4	4	3	8
8	2	2	2	1	4	4	4	4	2	2	2	1	2	3	4	3	3	4	6	4	5	5	6	4	3
9	5	5	5	4	4	4	4	5	5	5	6	6	6	5	5	11	9	5	4	3	3	4	10	17	6
10	14	16	16	6	8	5	6	7	****	3	7	****	****	****	4	5	4	4	4	3	4	4	4	5	6
11	6	5	4	4	4	6	7	7	2	4	6	5	5	4	3	3	4	3	5	3	4	3	3	3	4
12	4	6	6	5	5	****	6	6	5	8	10	9	7	6	5	6	4	5	5	6	5	5	4	8	6
13	4	10	5	****	6	6	8	6	4	5	4	6	6	18	4	6	8	13	9	11	5	4	6	7	7
14	5	16	6	3	2	4	4	12	****	9	8	4	6	4	5	6	2	2	4	4	4	3	3	3	5
15	3	3	3	3	4	5	9	12	****	7	9	6	5	6	4	4	4	5	6	4	4	4	6	5	5
16	5	6	6	9	14	18	11	7	10	18	23	50	11	9	9	7	6	6	7	7	8	8	8	11	8
17	9	8	6	5	4	5	6	7	9	9	13	11	9	13	14	11	9	7	8	8	7	7	5	6	8
18	6	6	7	6	5	5	5	5	4	2	2	2	2	2	2	1	1	2	2	4	4	5	4	4	4
19	5	5	5	5	5	9	14	13	****	3	3	2	2	3	0	0	3	3	3	1	3	5	6	7	5
20	2	8	9	8	10	10	9	23	8	21	16	11	7	6	7	5	5	4	4	4	6	5	5	8	8
21	10	13	7	4	2	2	2	3	0	4	3	3	3	3	4	6	5	3	2	3	2	2	3	3	4
22	2	2	4	5	10	6	5	4	1	4	9	10	6	7	8	11	10	6	7	5	4	4	4	4	6
23	9	5	4	6	5	7	6	13	3	8	4	2	3	4	3	3	4	3	3	4	21	14	5	18	7
24	9	7	5	5	4	2	2	4	4	16	4	3	3	5	3	2	3	2	4	3	2	2	2	3	4
25	2	3	4	1	1	1	1	2	2	5	4	3	2	4	2	2	2	2	3	2	8	7	7	5	3
26	5	2	2	3	2	8	7	13	4	7	9	10	8	6	5	4	3	2	3	2	3	4	4	7	5
27	6	5	5	4	5	10	10	20	****	3	2	1	1	1	1	2	1	2	1	2	2	2	1	2	4
28	2	3	4	3	4	5	6	8	8	8	7	5	5	6	4	3	4	3	3	3	4	2	2	3	4
29	2	2	3	3	3	6	5	5	****	4	4	4	4	4	7	6	5	3	4	4	2	5	3	3	4
30	10	10	11	13	12	4	5	8	****	****	4	4	4	5	4	6	5	5	5	3	2	3	6	4	6
MEAN	5	6	5	5	5	6	6	8	4	6	6	6	4	5	4	5	4	4	4	4	5	4	4	5	5

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

MONTH MAY 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	6	5	6	5	8	8	6	1	5	4	3	5	4	3	4	2	3	2	6	4	2	6	6	5
2	5	5	7	7	7	5	5	4	***	4	7	5	5	6	8	9	5	7	7	5	3	4	3	6	6
3	6	5	14	7	5	4	4	6	7	7	7	3	4	5	6	5	5	4	8	3	4	4	5	6	6
4	9	11	13	17	6	5	7	14	10	6	6	5	5	***	***	***	***	***	***	***	3	4	3	4	8
5	4	3	3	5	3	5	4	7	3	5	4	3	4	4	1	6	6	9	6	3	4	3	4	4	4
6	4	5	6	6	7	7	7	4	1	3	4	5	3	2	4	2	1	2	2	3	3	4	4	3	4
7	4	5	5	7	7	6	8	5	1	2	3	2	3	1	2	2	2	2	3	3	3	4	5	***	4
8																									
9	4	4	4	4	4	4	5	5	1	5	5	4	3	4	3	4	3	3	2	2	2	3	3	3	4
10	19	20	8	16	17	10	15	9	3	***	3	4	4	3	3	3	3	3	5	6	6	2	3	3	7
11	3	3	3	3	3	4	6	8	3	4	5	6	5	4	3	3	3	3	4	6	6	6	4	3	4
12	3	3	4	4	5	3	***	***	2	4	3	3	2	2	***	3	1	3	3	3	4	***	3	7	3
13	5	5	6	4	5	3	6	4	0	6	12	5	5	4	4	4	3	3	3	5	3	4	4	6	5
14	5	1	1	1	2	2	3	3	3	1	1	1	2	3	3	1	2	3	1	1	3	1	***	1	2
15	1	1	1	1	3	3	4	6	***	***	15	5	4	3	3	***	***	0	2	3	4	3	3	3	3
16	4	3	4	5	3	5	2	4	***	3	3	1	6	3	3	0	2	3	2	6	2	2	1	2	3
17	***	3	3	5	6	1	***	***	2	3	1	3	1	2	2	2	2	1	1	2	1	1	1	1	2
18	2	2	4	3	3	3	4	4	1	4	3	3	2	2	2	4	4	3	3	2	***	2	2	***	3
19	3	3	2	2	6	3	2	2	3	2	2	2	2	2	2	0	***	***	***	***	***	***	***	***	2
20	***	***	***	***	***	0	0	0	0	1	***	***	***	7	4	3	4	3	7	6	8	16	14	13	5
21	9	7	7	9	19	16	14	16	***	8	7	8	5	8	7	6	10	10	3	2	2	2	3	4	8
22	2	2	10	8	17	6	4	3	2	2	2	2	1	1	2	1	1	1	1	2	2	***	1	3	3
23	3	3	4	4	3	3	3	2	4	1	2	1	1	2	2	2	2	3	2	2	2	1	1	2	2
24	2	4	6	6	6	5	5	4	5	4	4	5	4	6	4	3	4	2	2	7	5	***	2	2	4
25	2	***	2	2	1	4	2	3	3	3	3	6	4	5	6	4	4	4	3	4	3	4	4	3	3
26	4	4	4	5	2	3	2	3	4	3	3	3	2	3	3	2	2	2	3	3	3	4	5	3	3
27	3	9	3	8	9	5	5	6	5	9	11	5	3	3	2	3	3	4	1	3	3	5	7	7	5
28	9	11	11	10	11	8	16	14	***	4	2	1	1	1	7	1	2	2	1	3	4	5	7	7	6
29	6	3	14	15	19	20	20	9	3	3	2	2	2	3	2	2	2	2	4	4	3	3	3	6	6
30	8	12	11	20	16	12	10	14	5	7	3	6	6	5	4	4	4	7	8	6	7	2	9	11	8
31	8	4	3	4	3	6	4	***	6	4	4	1	5	4	4	3	3	2	3	3	2	2	2	3	4
MEAN	5	5	6	7	7	6	6	6	3	4	4	4	3	4	4	3	3	3	3	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

MONTH JUN 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	7	3	2	4	4	5	4	2	5	5	***	***	4	3	3	***	11	3	2	2	2	1	7	4
2	2	2	3	5	4	4	4	4	4	6	10	7	5	5	***	4	4	3	5	4	3	4	5	***	4
3	13	15	5	6	10	7	7	8	***	5	5	4	4	4	4	4	4	3	5	8	6	5	6	7	6
4	11	20	17	15	16	19	16	18	12	20	12	8	7	5	4	5	5	9	8	9	11	14	13	13	12
5	13	12	13	14	16	17	18	18	2	11	9	10	9	7	7	7	7	***	***	13	6	4	2	7	10
6	5	3	3	4	3	7	8	8	1	3	3	***	3	6	3	0	5	***	***	3	4	4	***	4	4
7	***	3	2	3	7	5	5	5	7	6	5	6	6	5	5	4	5	0	5	5	***	***	8	6	5
8	6	5	2	1	1	2	1	2	3	5	5	7	8	5	5	6	3	3	2	2	3	3	4	3	4
9	5	9	7	4	5	6	5	5	1	5	3	2	3	3	2	2	2	2	1	2	4	4	4	4	4
10	2	4	5	5	5	8	9	8	1	2	1	2	1	2	1	2	2	***	***	***	***	2	2	4	3
11	2	3	3	3	3	7	4	4	6	6	8	11	12	12	12	8	8	9	7	6	0	4	2	7	6
12	12	7	8	5	1	3	1	3	1	3	3	4	4	4	4	7	***	3	4	7	6	4	2	1	4
13	6	5	15	2	2	3	2	16	***	4	3	5	5	3	1	3	4	5	5	3	2	2	4	2	5
14	5	8	5	5	5	6	***	8	***	6	7	6	1	4	4	8	5	3	3	4	7	13	10	8	6
15	12	10	11	9	7	10	7	6	1	6	6	5	3	3	3	3	3	2	3	3	4	3	3	4	5
16	5	5	5	6	6	8	5	7	0	8	10	10	5	5	4	7	5	7	5	3	3	4	4	5	6
17	4	3	3	3	4	5	7	8	11	9	9	9	6	6	5	4	***	6	5	4	5	8	10	6	6
18	4	3	6	7	8	8	12	8	7	10	11	8	2	5	4	4	***	7	2	5	4	0	6	3	6
19	8	6	6	5	6	8	11	9	2	9	9	9	6	5	7	4	0	5	7	1	2	0	6	***	6
20	5	11	3	4	4	4	2	1	8	4	3	4	4	5	4	3	3	***	2	3	3	0	11	6	4
21	3	***	3	3	3	8	***	***	6	16	6	4	7	3	0	2	0	3	2	1	1	3	3	3	4
22	3	3	4	4	5	6	11	***	***	5	***	7	6	8	8	7	6	6	6	5	4	3	3	6	6
23	***	***	***	***	***	3	4	9	4	10	8	7	7	6	7	6	5	5	6	7	2	5	1	18	6
24	16	11	11	***	5	11	14	13	3	11	13	9	9	7	7	6	4	5	5	5	6	5	7	7	8
25	***	***	12	11	2	6	7	6	7	***	2	5	6	6	5	9	***	***	7	15	5	6	4	2	6
26	***	3	3	7	2	3	3	4	4	4	3	4	4	4	4	3	1	9	3	***	3	3	3	3	4
27	6	4	5	4	4	5	8	5	10	6	8	8	6	7	5	5	6	6	6	6	7	***	9	14	7
28	***	***	10	7	9	***	3	9	9	11	12	8	5	4	6	3	4	7	4	9	3	6	14	12	7
29	8	8	6	3	2	***	2	2	5	26	19	17	8	17	7	5	3	***	1	2	2	3	5	5	7
30	5	4	6	9	8	7	10	10	***	***	***	28	6	6	4	4	5	1	10	6	2	7	4	7	7
MEAN	7	7	6	5	5	7	7	7	5	8	7	7	6	5	5	5	4	5	4	5	4	4	5	6	6

PERCENTAGE OF DATA VALID - 92

UNITS - COHS/1000FEET X 10

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - COHS/1000FEET X 10													
STATION - MORTON DOCK WINDSOR OAMST													NO 12032													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	5	5	6	6	5	5	5	4	8	5	3	1	2	***	***	***	***	***	1	2	***	***	***	***	***	
2	***	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	2	1	1	0	0	0	0	0	0	0	0	***	
3	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	
5	***	0	0	0	0	0	1	16	13	6	5	2	4	***	0	0	***	***	4	4	***	***	3	3	***	
6	***	***	***	***	***	***	***	***	***	3	3	1	5	12	4	5	4	5	5	5	4	6	***	11	***	
7	17	8	10	7	7	6	7	12	11	11	5	12	4	5	4	5	5	5	4	4	5	***	***	6	7	
8	5	***	9	7	7	9	12	12	13	12	10	1	6	9	6	4	1	5	6	4	5	***	***	6	7	
9	1	3	12	8	5	***	6	7	6	4	5	5	5	10	5	***	1	3	6	6	6	4	3	2	5	
11	5	4	2	2	2	2	3	5	4	4	6	2	6	4	3	7	6	7	9	16	10	3	3	3	5	
12	4	5	1	8	11	11	11	11	6	3	1	5	3	3	3	2	0	2	0	2	4	2	3	4	4	
13	3	8	2	4	6	5	6	10	3	4	4	4	4	***	***	***	4	3	3	2	4	3	4	4	4	
14	9	8	8	11	10	6	8	5	5	6	6	8	7	2	6	8	***	8	7	6	2	2	***	1	6	
15	***	0	1	1	***	1	1	1	1	2	2	1	2	0	2	2	2	2	3	2	5	3	3	2	2	
16	1	2	7	5	4	8	6	2	2	0	2	3	***	2	1	3	1	2	2	1	1	2	1	0	3	
17	2	8	8	10	12	11	15	***	29	24	14	11	11	6	5	3	3	4	3	2	2	7	5	5	9	
18	5	6	5	3	4	***	5	12	12	18	25	18	9	10	16	3	8	7	6	6	7	7	6	4	7	
19	11	10	8	10	9	9	10	13	8	7	6	5	8	6	6	11	5	3	3	7	6	5	5	7	7	
20	4	5	3	5	7	5	5	5	7	6	4	4	6	5	4	3	2	2	3	6	6	9	7	5	5	
21	8	4	8	4	4	4	5	3	5	10	7	5	3	3	4	5	1	4	1	2	1	2	1	4	4	
22	5	5	7	3	3	4	3	4	3	4	5	5	4	3	3	3	4	3	6	23	4	14	6	5	5	
23	1	4	11	6	6	4	2	2	3	2	3	3	3	11	3	4	2	1	***	1	1	0	1	2	3	
24	1	2	1	0	1	1	2	2	2	0	0	***	2													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

MONTH SEP 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	2	0	5	4	4	3	3	4	4	5	0	5	6	5	4	5	7	4	4	3	3	4
2	3	3	3	5	5	6	8	***	***	19	11	15	10	5	5	***	8	7	***	13	4	4	12	3	7
3	3	4	5	8	6	***	10	15	10	6	11	9	9	7	5	7	6	6	8	10	5	3	5	6	7
4	3	9	7	5	3	14	11	15	0	10	25	***	***	8	4	2	3	4	3	17	3	1	3	2	7
5	5	7	8	10	7	4	6	7	5	8	8	9	9	6	6	4	4	3	5	5	5	***	5	6	6
6	12	8	6	7	6	17	5	3	2	7	5	3	2	0	4	2	2	8	1	***	***	***	***	5	5
7	***	4	5	4	1	3	4	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
8	***	***	***	***	***	***	***	***	***	***	***	***	***	6	8	9	3	7	6	11	19	15	15	10	***
9	6	2	3	4	4	2	3	5	6	6	4	5	5	5	4	3	3	3	3	8	5	3	4	5	4
10	6	7	2	2	4	4	3	4	5	7	10	7	6	10	11	9	14	11	8	2	***	15	6	13	7
11	11	10	12	10	15	19	18	12	22	11	6	14	9	8	10	6	13	16	6	5	3	***	***	3	11
12	8	12	6	7	9	6	3	9	4	2	2	4	6	2	1	1	2	4	4	2	2	3	13	4	5
13	6	7	7	10	9	4	7	11	9	8	7	7	5	4	6	4	4	4	4	4	4	7	7	8	6
14	13	5	5	7	21	25	19	20	19	16	10	9	***	7	6	0	6	6	10	21	5	4	7	6	11
15	6	6	8	7	6	9	11	12	13	12	5	9	13	18	8	7	6	5	22	29	10	8	7	14	10
16	13	12	11	4	5	7	10	16	12	10	2	4	2	4	6	2	2	0	4	0	2	1	2	2	6
17	2	2	5	6	5	4	5	8	8	5	6	3	2	3	4	2	3	1	1	2	6	3	3	4	4
18	5	5	5	5	8	6	7	10	4	***	0	1	2	1	2	1	2	2	2	2	5	2	1	3	4
19	2	2	2	3	2	1	2	2	3	0	2	1	4	3	4	4	3	8	14	13	6	4	5	4	4
20	6	5	6	6	6	***	***	***	***	***	***	***	***	***	***	***	4	4	9	10	7	13	13	10	***
21	7	17	11	10	11	14	15	31	34	23	11	8	3	2	2	6	1	3	4	5	3	2	1	1	9
22	1	1	3	6	5	10	15	20	23	8	3	2	3	1	7	4	5	4	3	9	4	3	5	5	6
23	7	9	7	8	14	17	18	11	12	10	1	7	7	7	27	7	8	12	***	***	8	14	21	36	12
24	25	16	***	***	14	11	17	15	25	16	8	5	36	11	9	6	5	4	3	4	3	1	2	2	11
25	3	6	7	6	5	8	7	5	8	7	1	2	2	***	1	1	2	3	2	3	3	2	3	4	4
26	4	4	4	2	3	2	3	2	2	3	4	4	3	4	4	5	5	7	7	4	4	3	4	3	4
27	4	5	3	4	4	5	6	11	7	7	3	2	5	5	4	8	7	8	7	8	7	7	7	7	6
28	7	7	9	8	8	11	16	15	13	10	6	6	5	4	4	3	4	7	3	5	6	6	6	7	7
29	7	7	7	7	5	5	0	5	7	9	11	13	12	14	9	9	6	4	5	6	6	2	2	1	7
30	3	3	4	0	1	2	3	3	3	2	2	3	3	4	5	3	3	3	4	5	2	5	6	5	3
MEAN	7	6	6	6	7	8	8	10	10	9	6	6	7	6	6	4	5	5	6	8	5	5	6	6	7

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

MONTH OCT 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	6	7	7	8	9	15	14	15	25	10	16	15	16	11	6	9	11	9	8	8	9	7	10
2	11	12	11	8	7	7	7	11	14	14	13	12	14	13	12	12	9	7	6	7	9	7	7	7	10
3	6	4	5	4	4	5	7	8	7	8	9	6	6	6	6	5	5	***	4	***	5	***	7	5	6
4	11	3	0	2	***	2	4	5	3	3	4	2	0	3	***	1	4	5	3	5	5	6	6	9	6
5	10	5	8	6	8	5	4	6	6	***	4	3	2	2	5	1	1	2	2	4	6	4	2	6	4
6	4	4	0	2	3	3	2	5	11	5	2	3	1	2	6	8	11	11	7	11	13	11	8	6	6
7	18	5	25	7	4	4	5	4	7	7	9	9	3	4	3	3	5	3	10	7	7	10	12	8	7
8	7	5	6	8	4	5	8	7	13	6	5	3	2	2	2	3	4	2	0	2	3	4	5	5	5
9	3	***	2	3	10	5	6	6	49	5	4	6	4	3	4	4	3	3	4	***	2	4	6	6	6
10	3	3	4	4	3	0	4	6	4	4	9	9	3	0	2	3	2	2	3	4	5	3	2	4	4
11	3	0	2	2	2	***	4	6	4	3	11	6	6	5	5	11	10	11	7	7	4	6	5	6	5
12	7	6	7	***	4	5	7	13	8	8	4	2	2	***	2	4	3	6	2	3	4	5	6	4	7
13	4	3	3	4	4	4	4	9	7	5	5	4	5	9	11	24	9	5	10	11	13	9	7	7	7
14	4	4	10	8	11	10	***	12	6	11	9	7	8	8	12	11	8	7	5	6	5	5	6	9	8
15	4	5	5	7	8	***	9	11	13	13	10	10	12	11	8	7	10	6	4	6	7	8	9	8	8
16	10	10	15	15	15	15	17	23	20	16	14	18	14	10	8	8	8	7	6	4	5	4	4	4	11
17	5	6	7	6	7	5	4	5	5	6	5	5	5	5	5	6	5	6	6	6	5	4	4	6	5
18	6	6	6	7	7	7	7	9	11	8	7	7	6	7	6	6	5	6	8	9	4	4	2	3	6
19	6	8	5	7	8	7	11	14	12	7	8	6	6	1	6	5	1	7	3	13	12	10	6	6	7
20	7	6	8	10	9	6	6	5	6	4	4	5	5	4	3	4	6	6	7	6	5	1	8	6	6
21	6	5	4	4	6	5	5	7	7	4	3	13	4	5	***	4	5	4	7	10	8	8	10	6	6
22	6	7	14	17	14	10	8	7	9	8	5	3	***	***	***	***	5	3	3	3	2	3	1	12	7
23	2	***	3	***	4	5	7	1	4	7	12	8	5	3	5	***	***	***	2	4	4	3	2	2	4
24	3	2	***	3	2	3	3	3	3	3	4	3	5	6	2	5	5	5	3	1	1	0	2	3	3
25	3	3	7	8	6	9	8	3	7	6	6	7	10	15	6	6	1	0	2	1	4	4	3	3	5
26	3	5	8	9	6	10	6	4	6	6	8	12	6	4	3	4	3	3	3	3	4	5	1	4	5
27	3	6	5	6	6	6	6	5	4	3	4	4	3	4	4	3	3	5	3	3	2	8	5	4	6
28	3	4	4	4	3	4	7	9	14	10	12	17	13	10	9	5	5	3	2	2	3	8	6	7	7
29	11	8	6	7	5	5	13	15	7	5	4	3	2	5	5	7	7	5	6	8	6	4	3	4	6
30	4	4	15	20	18	4	5	5	6	6	7	11	9	4	5	4	5	6	6	4	6	5	6	6	7
31	7	***	***	7	***	***	***	***	***	***	***	***	1	***	***	6	1	3	2	3	6	6	5	3	***
MEAN	6	5	7	7	8	6	7	8	10	7	9	7	6	6	6	6	5	5	5	6	6	5	5	6	6

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

MONTH NOV 71

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	5	7	****	9	****	6	****	10	****	****	3	3	****
2	7	5	4	3	3	2	4	0	2	1	5	****	****	3	0	2	3	****	****	4	9	****	8	8	4
3	9	6	5	****	****	****	****	****	6	1	1	****	3	****	4	2	2	4	4	1	4	2	4	1	3
4	4	2	4	1	2	****	2	9	5	6	5	2	2	3	4	4	5	0	4	9	11	8	4	7	4
5	6	6	2	4	1	3	****	4	4	5	6	5	4	4	0	4	2	****	1	2	4	4	3	4	4
6	4	5	5	8	8	8	7	6	6	3	2	3	3	1	3	****	4	3	4	6	3	3	2	5	4
7	1	2	2	1	1	0	****	0	2	1	1	1	2	****	****	0	0	1	****	2	****	****	3	4	1
8	4	4	4	3	8	7	8	16	26	25	8	****	2	****	2	2	5	2	6	6	5	4	5	3	7
9	5	7	5	2	1	4	7	4	2	7	10	9	9	5	13	15	6	7	7	12	8	9	7	7	7
10	7	8	12	11	****	9	11	14	8	****	6	0	5	3	5	5	8	6	11	13	14	12	5	5	8
11	2	3	4	3	3	6	8	8	4	8	8	8	9	7	8	7	6	6	10	9	7	7	7	9	7
12	8	9	10	10	8	7	11	14	16	14	12	15	12	10	12	11	11	12	15	16	18	17	21	27	13
13	****	22	23	18	10	9	10	8	7	5	****	3	3	6	3	2	2	3	3	2	0	1	****	2	7
14	****	1	3	3	4	0	3	****	5	0	7	10	8	0	11	1	12	11	10	8	7	2	5	4	5
15	6	6	8	0	4	8	8	16	****	7	7	6	4	5	4	5	4	5	4	7	17	5	****	8	7
16	****	****	14	9	14	16	****	7	25	16	6	3	4	****	****	5	****	8	7	11	7	5	5	****	10
17	****	****	1	5	6	6	6	6	8	7	****	9	8	7	10	10	11	7	****	****	****	****	****	****	****
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	5	6	7	5	5	6	7	8	8	7	6	6	5	5	6	5	5	5	7	7	8	6	6	6	6

PERCENTAGE OF DATA VALID - 47

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR	7	4	5	13
APR	30	5	11	50
MAY	30	4	8	20
JUN	30	6	12	28
JUL	31	5	12	37
AUG	30	5	10	29
SEP	30	7	12	36
OCT	31	6	11	49
NOV	17	6	13	27
DEC		DATA MISSING		
YEAR	236	5	13	50

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	116	39	4	0	0	0	0	159
APR	394	263	30	12	4	0	1	704
MAY	445	190	22	16	0	0	0	673
JUN	289	308	48	18	2	0	0	665
JUL	379	252	24	11	2	3	0	671
AUG	345	220	46	10	8	0	0	629
SEP	269	285	66	21	13	4	0	658
OCT	255	364	71	11	4	0	3	708
NOV	144	151	30	10	7	0	0	342
DEC	DATA MISSING							
YEAR	2636	2072	341	109	40	7	4	5209

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
78	0	1.2	2.7	4.0	5.7	9.9	12.8	16.7	19.9	50	5.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6	****	****	****	****	****	****	****	****	****	2	5	4	****
7	9	5	0	8	2	6	5	1	0	4	9	8	5
8	11	2	11	11	11	6	6	10	9	10	10	9	9
9	2	3	4	5	1	6	9	7	11	7	17	9	7
10	9	9	3	8	4	3	11	6	13	3	2	15	7
11	10	9	5	8	5	2	5	9	10	11	5	2	7
12	3	2	3	4	4	0	2	2	2	2	2	0	2
13	2	5	2	0	0	5	5	2	0	3	5	4	3
14	3	0	7	12	8	2	5	11	8	8	4	0	6
15	2	6	1	1	5	9	4	7	5	2	3	5	4
16	2	2	3	2	5	0	5	3	2	3	3	1	3
17	6	2	2	2	2	3	2	6	2	3	7	0	3
18	13	7	6	9	****	5	3	2	5	4	1	5	5
19	5	2	2	2	4	4	4	2	5	5	4	6	4
20	0	0	2	0	5	10	2	3	4	7	11	7	4
21	2	4	2	5	6	9	7	5	4	1	2	5	4
22	10	2	8	7	7	3	3	6	4	2	5	12	6
23	15	2	0	8	3	3	2	7	12	7	5	2	6
24	3	10	7	5	3	7	7	2	0	6	4	8	5
25	6	5	15	14	3	****	8	2	7	7	4	3	7
26	4	3	15	2	2	2	3	0	2	3	0	1	2
27	1	1	0	2	1	0	2	3	1	3	2	5	2
28	4	5	2	8	1	2	3	2	2	6	3	6	4
29	2	1	4	5	7	7	7	3	5	3	2	5	4
30	5	4	1	2	2	4	0	3	2	2	6	0	3
31	3	3	3	5	0	4	4	4	0	5	3	3	3
MEAN	5	4	4	5	4	4	5	4	5	5	5	5	5

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	5	3	3	6	4	4	4	3	3	5	4
2	4	5	3	3	5	4	1	2	7	2	8	2	4
3	9	5	3	3	1	6	7	8	5	7	5	2	5
4	5	4	3	7	4	4	8	7	2	6	2	2	5
5	5	2	5	3	3	6	5	3	1	2	10	9	5
6	5	2	13	3	2	4	5	5	2	5	5	7	5
7	6	8	4	5	2	4	2	2	3	0	0	3	3
8	0	2	2	0	7	0	4	3	0	5	2	2	2
9	1	2	0	3	5	****	3	2	3	6	7	5	3
10	5	5	3	3	5	5	0	4	7	5	5	6	4
11	2	5	2	2	2	5	4	6	5	8	6	10	5
12	9	7	4	7	4	8	5	2	4	7	0	5	5
13	3	2	0	0	2	2	5	2	4	3	1	4	2
14	2	0	2	2	3	4	5	3	2	4	2	5	3
15	5	2	4	3	6	5	0	3	4	4	2	2	3
16	5	2	0	0	2	****	3	2	3	2	3	3	2
17	2	10	5	6	9	3	4	3	6	14	4	6	6
18	12	14	7	8	7	14	9	7	4	5	3	9	8
19	7	3	0	4	2	0	3	8	3	5	5	6	4
20	8	9	7	2	4	3	3	2	7	3	3	4	5
21	3	0	0	2	3	0	2	5	0	3	5	0	2
22	2	1	2	2	6	0	6	4	3	3	2	2	3
23	4	4	2	2	5	2	5	2	4	3	5	0	3
24	3	1	3	2	5	0	7	7	9	2	9	5	4
25	0	7	6	5	15	11	3	3	2	0	5	2	5
26	2	9	1	3	9	5	4	9	5	5	2	3	5
27	2	5	3	5	3	1	3	0	3	4	2	0	3
28	2	0	5	1	3	2	5	3	5	3	5	2	3
MEAN	4	4	3	3	5	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	6	3	5	5	2	3	1	5	0	5	6	4
2	3	17	5	7	2	5	1	7	7	0	3	1	5
3	1	3	6	2	0	0	2	0	6	2	3	3	2
4	0	3	0	3	5	2	2	0	0	5	2	11	2
5	9	0	10	13	3	15	12	9	11	7	4	4	9
6	11	5	6	4	0	7	2	6	4	2	3	0	5
7	7	11	1	2	0	4	1	1	2	0	0	0	1
8	0	3	4	1	2	0	2	4	0	2	1	4	3
9	2	4	4	11	3	2	0	4	5	2	14	7	4
10	2	3	0	2	3	5	3	4	0	0	0	0	1
11	0	0	3	3	7	2	6	2	2	0	0	3	2
12	1	3	0	3	0	5	5	0	5	9	3	0	3
13	6	0	0	5	5	13	5	2	10	5	3	5	5
14	2	3	4	3	4	3	11	5	11	2	5	5	5
15	3	1	2	5	3	0	0	2	2	1	2	4	2
16	3	2	1	3	2	2	2	5	6	2	3	1	3
17	0	1	2	0	2	0	0	3	2	4	3	4	2
18	7	6	11	6	8	6	2	8	3	0	0	0	5
19	3	1	4	2	3	2	2	2	4	7	2	1	3
20	2	1	0	0	2	3	0	2	2	0	0	0	1
21	1	4	2	1	0	1	3	0	2	2	0	3	2
22	2	2	2	3	2	2	0	4	2	3	3	0	2
23	2	2	2	3	3	2	1	2	2	0	2	6	2
24	0	3	1	4	7	0	1	3	2	10	3	2	3
25	2	4	2	3	3	0	5	3	0	0	0	1	2
26	1	4	1	3	3	0	4	2	3	0	2	3	2
27	3	8	5	2	2	3	1	3	3	3	0	2	3
28	2	0	3	2	6	3	8	3	1	3	2	2	3
29	0	5	2	2	3	2	****	****	****	****	****	****	****
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	3	4	3	4	3	3	3	3	4	3	3	3	3

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5	****	****	****	****	****	****	3	3	2	5	2	1	****
6	2	0	8	2	3	0	0	2	2	2	5	2	2
7	1	3	4	2	5	3	2	2	3	2	3	2	3
8	1	0	2	4	1	0	2	2	2	0	3	1	2
9	5	3	5	3	7	3	3	7	2	2	3	0	4
10	5	1	2	1	0	2	0	3	2	1	3	2	2
11	2	9	2	8	2	3	3	3	2	3	2	5	4
12	4	3	7	3	8	5	11	7	3	4	3	4	5
13	5	2	3	3	3	3	2	0	3	0	2	0	2
14	2	3	2	1	0	0	0	1	0	2	3	1	1
15	1	2	1	2	****	5	2	4	0	2	1	3	2
16	3	3	3	14	2	3	1	2	1	2	5	6	4
17	1	2	2	1	0	3	2	3	0	2	3	3	2
18	1	2	0	3	0	3	0	1	0	1	2	2	1
19	2	1	0	2	1	****	4	3	3	0	2	2	2
20	2	4	12	12	3	4	3	7	6	5	8	6	6
21	2	1	2	1	2	3	0	2	1	2	1	1	2
22	0	2	2	0	1	2	2	2	2	1	7	2	2
23	4	4	6	1	2	0	2	4	6	3	2	4	3
24	0	0	2	2	0	1	2	2	1	1	0	2	1
25	1	1	2	1	1	1	2	1	1	3	0	1	1
26	0	0	1	****	****	3	1	0	1	1	0	0	1
27	3	6	7	3	0	2	2	2	2	2	3	1	3
28	4	5	2	3	4	5	4	3	6	5	3	0	4
29	0	0	2	3	2	1	3	2	4	5	2	4	2
30	2	0	2	2	2	1	2	2	0	2	1	3	2
MEAN	2	2	3	3	2	2	2	3	2	2	3	2	2

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	3	4	2	2	2	3	2	0	1	5	3
2	2	1	2	1	0	0	2	0	1	2	0	1	1
3	2	0	0	1	***	2	3	0	0	2	0	0	1
4	0	0	3	4	0	3	3	2	0	7	6	7	3
5	5	8	3	2	3	2	2	2	2	3	9	2	4
6	2	3	3	2	6	2	7	4	0	0	2	17	4
7	0	4	0	0	4	3	2	0	2	4	2	2	2
8	4	0	0	4	0	0	2	2	0	2	2	3	2
9	4	2	3	2	6	2	2	4	0	1	1	2	2
10	3	3	5	10	14	3	3	1	2	2	0	6	4
11	5	2	3	13	17	5	7	8	18	3	3	1	7
12	50	8	4	10	12	1	3	0	3	0	0	3	8
13	3	5	7	10	11	3	5	4	7	3	3	2	5
14	5	2	6	10	13	0	3	2	2	2	2	0	4
15	2	3	0	17	15	9	3	9	2	0	3	2	5
16	9	9	7	9	2	3	3	0	0	4	0	3	4
17	0	5	5	2	***	3	2	5	3	5	2	1	4
18	1	2	5	2	4	8	5	8	1	3	3	2	4
19	6	8	5	3	6	5	1	4	4	2	2	2	4
20	3	2	7	4	3	2	4	1	3	2	8	9	4
21	4	7	6	2	0	0	2	2	2	1	2	3	3
22	2	2	2	2	0	0	4	2	3	0	4	7	2
23	9	14	6	7	0	2	0	4	1	2	2	1	4
24	0	2	3	2	5	4	4	3	2	2	3	0	3
25	1	0	0	2	***	0	3	2	1	0	2	2	1
26	0	0	2	0	3	2	2	2	2	0	2	2	1
27	2	1	3	0	2	0	2	2	2	1	0	4	2
28	6	2	5	2	2	3	0	0	3	2	3	18	4
29	10	14	11	7	5	3	1	4	1	0	4	3	5
30	8	4	6	1	3	2	2	3	0	2	2	3	3
31	1	2	2	2	2	***	3	2	2	0	1	2	2
MEAN	5	4	4	4	5	3	3	3	2	2	2	4	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	0	4	2	0	2	2	2	2	2	2	2
2	0	2	2	2	0	5	3	2	2	0	4	0	2
3	3	3	2	3	2	5	3	2	6	7	2	3	3
4	5	11	12	2	9	1	3	2	2	3	11	5	6
5	3	10	4	0	2	2	2	2	4	1	2	2	3
6	3	2	2	5	3	2	3	2	1	3	5	6	3
7	6	7	1	2	5	4	9	9	3	0	6	8	5
8	7	3	2	0	***	2	2	0	3	5	11	0	3
9	2	0	3	1	3	2	2	2	0	5	2	2	2
10	0	0	0	2	2	2	5	2	1	0	3	0	1
11	3	0	2	0	3	5	2	8	6	5	7	7	4
12	11	7	2	2	4	3	2	5	0	3	4	7	5
13	9	7	2	0	0	3	2	0	0	2	0	1	2
14	2	2	3	0	2	2	2	3	3	3	0	2	2
15	6	2	9	0	2	2	0	3	6	0	7	10	4
16	7	4	1	2	6	2	2	2	0	2	7	3	3
17	2	2	2	2	4	8	3	5	3	3	0	3	3
18	1	0	3	3	11	8	5	3	5	5	2	2	4
19	8	3	2	3	12	5	2	5	2	5	3	5	5
20	5	6	4	5	5	2	4	2	0	5	3	0	3
21	5	2	2	0	***	0	2	3	0	1	2	2	2
22	0	2	2	2	2	3	1	2	2	0	2	2	2
23	3	5	3	4	6	3	5	3	9	3	9	5	5
24	12	4	7	2	2	5	5	1	0	4	4	1	4
25	2	5	10	7	3	7	2	2	2	2	0	0	4
26	0	2	1	0	2	0	2	1	2	0	2	3	1
27	5	3	2	3	3	9	5	5	3	6	7	6	5
28	2	5	8	9	2	2	2	2	4	1	5	3	4
29	5	6	4	0	5	2	2	3	4	3	3	3	3
30	7	0	4	7	7	7	6	4	5	2	2	5	5
MEAN	4	4	4	2	4	3	3	3	3	3	4	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	3	0	3	0	2	0	0	0	0	0	0	1
2	2	0	0	0	0	0	2	0	2	0	2	2	1
3	3	2	2	0	3	3	2	5	3	5	0	3	3
4	0	2	2	2	0	3	2	3	1	3	2	2	3
5	0	3	2	11	***	***	0	2	0	2	2	2	2
6	1	2	3	0	2	0	3	2	2	2	4	8	2
7	9	3	11	2	2	5	3	6	2	2	0	5	4
8	5	3	2	4	8	5	0	5	3	3	0	4	4
9	3	0	4	0	0	3	0	2	2	2	0	7	2
10	5	2	0	2	0	2	2	0	2	0	0	2	1
11	0	0	0	0	4	0	2	3	1	0	2	0	1
12	0	2	0	0	0	3	0	0	2	0	3	0	1
13	3	4	2	3	3	3	2	2	0	1	0	0	2
14	0	0	11	0	0	2	0	0	0	0	2	0	1
15	0	5	3	6	5	0	2	3	5	3	5	9	4
16	2	3	5	3	3	0	2	2	2	2	0	5	2
17	0	2	0	2	3	0	2	0	2	2	3	3	2
18	9	0	5	2	3	0	0	0	0	2	3	0	2
19	2	2	0	1	0	2	0	2	1	3	3	2	2
20	2	5	7	7	0	0	0	2	2	0	2	4	3
21	2	0	5	6	2	3	9	3	0	3	4	0	3
22	3	6	5	8	5	7	5	3	6	3	3	9	5
23	7	3	7	7	6	2	2	5	2	5	6	2	5
24	2	0	4	3	3	7	1	3	2	2	1	2	3
25	3	4	5	2	5	3	2	3	3	5	0	0	3
26	0	2	3	3	2	0	3	0	2	0	3	1	2
27	2	4	2	3	3	0	1	4	5	1	2	1	2
28	3	3	2	2	4	2	2	3	2	3	3	4	3
29	3	5	2	3	2	2	4	2	2	2	2	2	3
30	4	6	2	1	2	0	1	2	2	2	2	1	2
31	0	0	2	5	2	0	3	4	2	4	2	2	2
MEAN	3	2	3	3	2	2	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	4	6	4	2	2	5	5	2	2	1	2	3
2	4	2	3	2	3	1	3	2	1	1	5	2	2
3	2	0	3	3	***	***	2	1	0	0	2	2	2
4	0	1	1	1	2	1	0	2	2	0	2	1	1
5	1	1	5	1	2	2	0	2	2	2	0	3	2
6	4	4	3	2	0	2	1	2	3	3	3	4	3
7	10	4	2	3	2	3	2	0	2	2	2	2	3
8	5	8	3	2	4	7	5	0	2	6	9	4	4
9	4	5	2	6	3	4	5	6	6	6	4	7	5
10	7	3	5	2	5	5	9	2	2	3	2	5	4
11	3	1	1	1	2	2	2	4	1	0	10	2	2
12	8	8	2	2	4	4	4	5	2	7	2	5	4
13	2	4	5	4	2	3	2	4	2	0	2	3	3
14	2	1	4	6	3	2	2	1	2	0	2	2	2
15	0	2	0	2	1	2	0	0	0	1	2	0	1
16	0	0	4	0	***	0	2	0	2	0	2	3	1
17	5	2	2	7	2	4	2	2	2	2	4	4	3
18	2	6	5	2	6	1	4	4	1	2	1	3	3
19	2	4	4	12	2	3	5	4	3	8	10	3	5
20	11	8	7	5	2	4	2	2	2	1	2	8	5
21	4	7	8	5	2	0	2	1	1	0	1	2	3
22	2	2	0	2	2	4	1	0	3	2	2	0	2
23	2	2	1	0	1	2	***	***	***	1	2	0	1
24	3	4	2	***	***	0	2	0	4	4	0	2	2
25	1	5	3	6	0	4	2	2	0	2	0	0	2
26	0	2	1	0	4	0	2	3	1	0	2	2	1
27	3	3	4	0	3	4	3	2	2	4	3	2	3
28	0	2	1	0	2	2	0	8	3	2	4	5	2
29	8	7	3	5	2	4	2	4	2	2	2	7	4
30	8	4	14	9	2	3	4	2	2	1	1	2	4
31	0	0	1	3	0	1	2	***	3	2	3	2	2
MEAN	3	3	3	3	2	3	3	2	2	2	3	3	3

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	1	0	0	2	1	2	2	2	2	4	2
2	4	1	8	3	4	8	4	8	2	4	2	5	4
3	2	2	2	4	2	5	2	2	4	3	4	3	3
4	2	4	2	2	4	5	4	0	2	4	3	8	3
5	2	3	3	0	3	4	2	1	2	2	1	0	2
6	1	0	0	1	4	4	2	2	2	2	3	3	2
7	2	4	3	3	3	2	****	4	2	5	13	11	5
8	6	5	7	9	3	3	5	5	2	9	7	0	5
9	2	2	1	0	0	2	1	2	2	0	3	0	1
10	4	1	2	2	3	0	5	2	4	4	7	3	3
11	9	3	5	5	2	2	2	0	4	0	3	2	3
12	0	0	2	0	0	2	0	0	0	0	0	0	0
13	2	0	0	2	4	0	1	3	2	0	0	1	1
14	5	0	2	0	5	0	2	2	3	2	5	2	2
15	3	2	4	5	2	2	0	3	0	2	7	3	3
16	16	7	2	2	7	9	0	0	0	3	3	1	4
17	5	2	0	0	0	2	0	2	2	4	2	2	2
18	7	2	2	3	2	1	0	2	0	0	3	0	2
19	5	0	2	0	3	0	0	0	2	2	1	7	2
20	5	4	4	3	2	3	3	2	0	7	4	5	4
21	5	2	2	5	3	2	0	0	0	3	3	2	2
22	5	8	4	11	5	0	6	0	2	7	3	4	4
23	5	0	11	3	12	7	6	1	6	2	0	0	4
24	7	3	3	0	3	0	5	0	0	2	0	2	2
25	2	0	2	9	7	3	2	2	0	0	0	5	3
26	0	0	0	5	0	0	2	4	3	2	3	3	2
27	2	5	0	5	0	3	0	3	1	0	3	3	3
28	2	5	3	3	9	9	11	3	2	3	2	5	5
29	5	7	3	3	0	4	2	2	1	0	3	0	3
30	0	3	3	3	3	0	2	0	1	2	2	0	2
MEAN	4	3	3	3	3	3	2	2	2	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	5	5	9	0	12	7	8	5	9	5
2	3	2	3	3	6	11	9	7	11	11	5	15	7
3	11	6	3	0	3	2	3	2	2	2	4	3	3
4	7	3	4	3	3	0	0	5	8	5	0	9	4
5	13	4	7	6	2	1	3	1	6	3	3	4	4
6	9	9	2	5	5	4	3	11	6	0	7	3	5
7	5	1	1	0	3	3	0	0	4	0	2	3	5
8	8	7	5	9	8	9	4	5	4	11	9	5	5
9	3	2	0	0	7	9	3	4	2	0	9	5	5
10	16	5	5	5	0	5	3	1	2	0	3	5	4
11	3	7	3	1	6	2	3	0	0	7	5	2	3
12	1	0	5	25	2	0	1	4	7	2	4	1	4
13	0	0	0	2	9	5	1	7	5	3	5	8	4
14	11	7	8	5	12	0	9	9	3	12	0	7	7
15	4	3	12	5	16	14	8	7	9	3	10	5	8
16	5	4	10	6	4	5	1	6	2	3	0	3	4
17	5	9	5	1	3	2	5	2	6	4	1	5	4
18	2	7	10	9	3	***	2	3	4	8	5	3	3
19	5	2	1	0	7	3	2	3	3	3	8	3	3
20	2	4	7	7	9	3	4	6	2	5	3	2	5
21	0	2	7	8	5	4	2	3	6	5	2	5	4
22	2	2	4	2	7	10	4	1	1	8	2	5	4
23	2	0	3	2	2	2	5	7	7	2	0	4	3
24	0	2	3	4	2	3	2	5	2	0	0	7	3
25	0	0	2	***	1	2	3	2	2	4	3	7	2
26	10	6	7	5	4	10	8	12	3	2	3	6	6
27	7	6	5	10	3	2	5	2	1	0	7	5	5
28	2	5	6	3	3	0	3	2	1	0	7	11	4
29	5	1	0	7	7	4	6	8	8	3	10	8	6
30	8	6	2	0	2	11	5	3	6	5	7	8	5
31	2	3	2	5	2	4	0	6	2	9	3	5	4
MEAN	5	4	4	5	5	5	3	5	4	4	4	5	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	2	7	8	7	3	6	1	4	5	4	2	5
2	2	3	0	3	***	3	2	3	2	0	7	9	3
3	0	5	12	5	0	3	1	2	0	6	0	5	3
4	4	3	3	3	0	0	2	5	3	4	5	7	3
5	5	1	5	2	2	2	3	0	4	0	5	4	3
6	5	4	5	2	5	2	3	7	3	6	0	5	4
7	0	5	13	3	6	0	2	3	7	2	5	0	4
8	5	11	5	7	3	4	5	0	7	3	1	0	4
9	2	3	3	0	6	5	2	5	11	2	6	0	4
10	2	3	3	5	0	6	6	3	4	2	0	0	3
11	2	0	1	3	8	2	4	2	3	7	11	8	4
12	7	3	4	9	12	5	12	13	15	15	13	17	10
13	10	0	9	5	6	7	2	0	0	4	4	3	3
14	1	2	2	2	0	2	5	0	3	3	3	7	3
15	4	9	9	9	***	6	2	2	3	8	4	8	6
16	4	2	5	5	6	0	7	0	5	0	3	4	3
17	4	3	7	8	5	7	8	11	7	7	5	11	7
18	7	4	5	6	4	7	0	7	4	7	8	7	6
19	7	7	2	8	5	9	7	2	5	4	3	5	5
20	10	3	4	0	5	3	3	5	5	7	5	2	4
21	5	4	0	2	4	2	4	2	0	2	2	1	2
22	0	2	2	0	3	***	0	0	1	1	1	2	1
23	7	4	11	7	8	8	0	4	4	5	1	3	5
24	0	4	3	3	3	3	4	8	11	4	8	3	5
25	10	9	12	10	11	5	2	7	6	8	6	4	8
26	1	17	4	2	7	9	7	6	0	5	2	3	5
27	2	0	4	7	4	4	8	3	5	3	2	0	2
28	2	3	0	2	1	2	0	2	1	4	3	4	3
29	8	0	2	2	3	5	0	3	2	4	4	4	2
30	1	3	4	0	2	4	0	0	3	2	4	4	2
MEAN	4	4	5	4	5	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	3	4	0	2	0	4	7	2	1	2
2	2	2	3	5	8	13	3	2	8	3	2	7	5
3	13	11	17	2	8	3	6	6	3	5	6	7	7
4	4	3	0	6	11	2	2	0	5	0	4	0	3
5	0	3	1	3	2	2	0	7	3	3	6	10	3
6	7	2	4	2	7	10	7	***	3	10	6	2	5
7	3	1	1	2	1	2	2	3	8	4	2	0	2
8	2	6	1	4	0	5	3	5	16	16	10	8	5
9	9	3	6	8	5	0	6	4	5	11	10	4	6
10	5	0	4	6	3	4	4	2	0	3	1	5	3
11	7	2	9	4	0	5	1	4	4	4	7	7	5
12	10	3	5	7	7	2	2	1	4	7	3	5	5
13	3	4	2	2	3	2	4	2	1	7	2	6	3
14	5	9	5	3	4	4	0	1	0	0	4	2	3
15	5	3	1	1	2	3	7	4	7	2	1	13	4
16	9	7	6	9	5	3	7	6	2	4	3	5	5
17	6	7	8	7	4	1	2	2	3	7	2	5	5
18	1	0	4	0	2	2	3	8	7	7	0	8	4
19	3	0	3	2	3	5	3	6	7	4	11	6	4
20	3	8	2	5	7	***	7	8	7	8	11	5	6
21	14	5	3	4	5	3	6	7	6	8	2	2	5
22	4	0	2	2	***	***	***	***	0	3	1	0	1
23	2	6	5	6	5	8	9	6	9	7	4	11	7
24	7	9	5	6	6	2	2	3	2	5	3	2	4
25	0	1	2	7	2	2	2	2	2	3	3	6	3
26	6	3	9	6	3	5	4	2	6	2	5	10	5
27	7	2	0	1	2	0	1	2	4	4	1	2	2
28	3	4	1	6	***	3	3	2	5	4	1	5	3
29	0	0	11	3	7	2	0	5	12	7	6	3	5
30	1	4	0	1	2	***	***	***	***	***	1	4	***
31	2	0	3	7	2	7	4	11	3	3	7	1	4
MEAN	5	3	4	4	4	4	4	4	5	5	4	5	4

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - VICTORIA ST SARNIA OAMST

NO 14049

UNITS - COHS/1000FEET X 10

POLLUTANT - PARTICULATES - SOILING INDEX

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	5	9	17
FEB	28	4	8	15
MAR	29	3	9	17
APR	26	2	6	14
MAY	31	3	8	50
JUN	30	3	6	13
JUL	31	2	5	11
AUG	31	3	5	14
SEP	30	3	5	16
OCT	31	4	8	25
NOV	30	4	10	17
DEC	31	4	7	17
YEAR	354	3	10	50

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	169	113	18	1	0	0	0	301
FEB	208	119	7	0	0	0	0	334
MAR	265	63	13	1	0	0	0	342
APR	263	35	4	0	0	0	0	302
MAY	289	64	9	5	0	0	1	368
JUN	257	92	9	0	0	0	0	358
JUL	313	54	3	0	0	0	0	370
AUG	303	57	3	0	0	0	0	363
SEP	291	61	6	1	0	0	0	359
OCT	207	144	16	2	1	0	0	370
NOV	216	122	17	2	0	0	0	357
DEC	219	127	12	2	0	0	0	360
YEAR	3000	1051	117	14	1	0	1	4184

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95	0	0.5	1.3	2.2	3.8	6.9	8.7	10.9	12.7	50	3.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JAN 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	2	2	0	5	0	3	2	6	4	2	3
2	3	1	2	2	3	3	2	3	4	0	2	2	2
3	2	1	1	2	0	3	0	0	0	1	2	2	1
4	3	4	2	3	6	3	3	5	5	1	2	1	3
5	2	3	3	2	5	2	2	2	4	2	2	2	3
6	2	1	5	3	4	0	3	2	3	4	3	3	3
7	6	2	4	6	5	3	2	4	4	2	2	3	4
8	3	4	4	6	4	5	3	2	3	6	2	6	4
9	5	4	3	8	4	7	2	8	3	6	5	4	5
10	3	4	4	4	5	5	2	7	4	4	3	2	4
11	3	0	7	5	5	3	2	2	3	6	5	0	3
12	2	2	2	1	4	1	2	2	2	0	2	4	2
13	1	1	6	3	3	0	3	2	0	2	2	9	3
14	0	2	2	7	1	2	3	4	4	2	2	3	3
15	2	0	2	3	2	1	2	***	2	2	2	3	2
16	1	3	0	4	5	1	3	1	10	8	3	7	4
17	4	3	6	4	4	3	3	2	2	3	4	6	4
18	5	2	2	4	5	4	3	2	3	5	5	3	4
19	3	6	2	2	5	4	0	2	1	0	1	0	2
20	0	0	0	1	4	2	2	0	2	3	0	7	2
21	2	2	2	0	0	2	5	4	3	2	1	2	2
22	2	0	5	0	3	5	2	5	3	3	3	8	3
23	5	2	2	2	2	3	4	12	5	2	8	5	4
24	3	3	3	6	7	5	7	4	6	5	4	6	5
25	7	5	5	9	3	4	6	7	2	2	5	4	5
26	7	3	3	0	0	0	2	1	0	0	1	0	1
27	0	0	1	0	0	0	0	0	2	0	0	2	0
28	2	2	2	1	1	0	2	3	2	0	0	1	1
29	2	4	3	4	4	3	5	2	2	2	2	2	3
30	3	4	5	5	3	3	3	8	2	3	4	2	4
31	3	5	4	5	3	2	2	1	3	3	4	3	3
MEAN	3	2	3	3	3	1	1	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH FEB 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	2	3	2	1	3	3	2	2	3	2	2
2	3	12	4	2	2	0	5	3	2	2	6	2	4
3	4	4	3	5	4	4	5	***	5	3	5	9	5
4	3	7	3	5	9	6	7	5	7	7	3	2	5
5	2	2	3	3	5	2	2	2	6	5	4	4	5
6	4	2	2	5	4	5	5	4	12	4	5	2	3
7	5	5	7	4	3	2	0	0	4	2	0	3	3
8	2	0	2	3	1	0	0	0	0	4	2	0	1
9	0	0	0	0	2	2	0	0	0	2	0	4	1
10	2	2	4	2	2	2	3	4	8	4	2	8	4
11	5	3	3	4	6	5	3	2	9	9	3	2	5
12	3	4	5	5	11	3	9	5	3	3	2	4	5
13	0	0	0	2	3	0	0	2	2	3	0	3	1
14	0	0	0	2	0	0	2	0	2	0	2	2	1
15	2	3	2	3	6	2	5	3	7	2	6	9	4
16	3	3	5	5	7	2	1	3	2	7	3	3	4
17	7	5	9	11	13	11	5	5	8	6	9	8	8
18	7	7	3	7	9	0	9	5	7	9	13	5	7
19	5	3	4	3	0	4	2	1	7	0	3	3	3
20	5	6	5	7	5	6	2	3	7	3	5	0	5
21	1	2	1	0	3	0	2	3	2	2	0	4	2
22	0	5	0	3	2	2	3	3	5	0	4	2	2
23	3	0	2	0	3	2	2	2	7	5	2	3	3
24	2	3	0	3	0	5	0	2	2	9	2	7	3
25	2	2	1	7	9	5	2	5	5	11	7	9	5
26	5	5	7	13	11	7	11	7	13	9	5	5	8
27	2	4	0	0	2	2	0	0	9	0	0	5	2
28	0	4	2	2	3	2	2	0	0	6	3	0	2
MEAN	3	3	3	4	5	3	3	3	5	4	3	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	4	6	2	2	2	0	2	4	2	7	3
2	4	3	3	7	5	0	1	0	2	2	1	3	3
3	0	2	0	2	3	2	2	2	3	3	1	5	2
4	0	0	3	2	0	1	5	1	1	3	3	3	2
5	4	6	5	2	7	3	5	2	7	9	5	8	5
6	9	5	4	5	3	5	2	2	7	7	4	3	5
7	0	4	5	2	0	1	1	3	2	2	2	3	2
8	1	3	0	1	2	2	0	2	1	2	0	3	1
9	0	0	2	1	3	3	0	0	7	2	2	3	2
10	1	2	2	3	3	4	4	5	5	2	5	9	4
11	2	2	2	2	2	2	0	2	1	2	2	6	2
12	8	5	4	7	6	0	3	2	6	2	2	7	4
13	3	2	2	3	3	2	3	3	5	6	10	6	4
14	4	4	3	1	3	2	4	5	5	4	3	5	3
15	0	2	1	4	4	2	1	3	1	1	0	2	2
16	2	1	1	2	6	2	2	4	3	1	2	7	2
17	0	1	2	0	1	2	3	2	3	9	4	4	4
18	4	3	3	8	3	4	2	5	3	3	2	1	2
19	2	0	3	7	2	0	2	4	2	3	2	4	2
20	5	1	2	1	1	3	0	0	2	0	2	0	1
21	2	0	0	3	2	2	0	0	3	7	3	0	2
22	0	2	3	2	0	0	1	3	0	2	3	0	1
23	3	2	3	2	5	0	5	0	2	3	2	4	3
24	0	2	0	2	2	2	0	0	0	0	2	3	1
25	5	5	0	5	3	3	0	0	0	2	0	2	2
26	2	1	0	4	0	2	1	2	7	0	2	3	2
27	5	3	2	6	3	0	2	0	7	5	2	3	3
28	1	3	0	4	5	2	9	7	0	3	2	0	3
29	3	0	3	5	3	0	0	2	3	2	0	2	2
30	1	1	2	2	2	1	1	0	3	2	0	7	2
31	5	11	5	0	0	3	0	2	0	4	5	5	3
MEAN	2	3	2	3	3	2	2	2	3	3	2	4	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	8	5	7	7	3	****	0	4	3	2	2	4
2	1	5	1	6	0	3	1	4	0	2	1	1	2
3	1	2	0	0	3	0	2	0	0	1	2	2	1
4	0	4	1	2	1	0	0	1	1	2	3	2	1
5	3	6	5	2	0	0	1	0	1	0	1	4	2
6	0	0	3	1	2	1	****	0	2	4	5	2	2
7	1	2	1	0	1	0	2	0	0	1	5	3	1
8	4	2	3	3	4	2	0	0	3	2	2	2	2
9	3	3	7	3	3	0	6	3	7	0	1	0	3
10	0	0	0	0	1	0	1	1	3	0	1	6	1
11	1	8	2	1	6	4	3	2	1	6	4	3	3
12	4	5	7	6	5	2	2	6	6	2	3	9	5
13	4	2	5	5	3	1	0	1	1	0	2	1	2
14	2	1	0	1	2	1	1	****	0	1	2	2	1
15	2	3	2	4	2	3	1	3	5	3	2	2	3
16	6	10	11	5	0	2	2	1	1	2	0	6	4
17	6	8	7	2	3	1	2	3	2	2	2	2	3
18	1	1	2	3	0	0	1	0	0	0	2	3	1
19	4	2	5	1	3	3	0	1	1	2	2	2	2
20	6	6	10	8	5	2	1	****	1	0	2	1	4
21	3	2	3	1	1	0	4	1	1	1	0	1	2
22	2	1	1	0	2	2	1	1	2	1	2	1	1
23	2	2	1	2	0	1	1	2	2	2	2	2	2
24	2	1	1	1	1	2	2	0	1	0	1	0	1
25	1	1	0	1	1	0	3	0	1	0	1	2	1
26	1	2	1	0	1	2	2	1	2	1	0	1	1
27	2	4	0	4	2	1	0	1	2	1	1	1	2
28	2	1	2	1	2	4	****	2	5	2	1	3	2
29	1	0	0	1	1	0	0	3	0	1	2	2	1
30	0	1	2	1	2	2	0	2	1	3	3	2	2
MEAN	2	3	3	2	2	1	1	1	2	1	2	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR	NO 15001					MONTH MAY 71							MEAN
2	4	6	8	10	12	14	16	18	20	22	24		
1	8	6	6	7	8	1	1	2	2	1	2		4
2	1	1	2	1	1	1	0	2	1	1	1		1
3	0	0	2	2	0	0	1	0	1	0	1		1
4	2	2	2	0	0	1	2	0	2	6	2		2
5	3	4	5	4	3	****	****	****	****	****	****		****
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28	****	****	****	****	****	****	0	0	0	3	4		****
29	2	0	2	2	0	2	0	1	0	4	4		2
30	2	0	0	0	2	2	0	2	0	2	0		1
31	0	0	2	0	0	2	2	0	2	0	4		1
MEAN	2	2	3	2	2	1	1	1	1	2	2		2

PERCENTAGE OF DATA VALID - 25

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR	NO 15001					MONTH JUN 71							MEAN
2	4	6	8	10	12	14	16	18	20	22	24		
1	4	2	2	6	0	0	0	0	0	0	2		1
2	0	2	0	2	9	0	2	0	2	2	2		2
3	0	2	0	3	0	2	0	0	5	3	5		2
4	3	2	7	0	0	3	1	3	0	3	2		2
5	0	0	2	5	2	0	0	2	0	2	0		1
6	5	0	2	0	3	0	0	3	0	2	6		1
7	2	2	5	0	0	2	3	0	2	7	0		2
8	0	3	1	0	****	0	2	0	0	0	2		1
9	0	4	1	0	1	0	0	1	0	5	1		1
10	0	2	0	2	1	0	2	4	0	0	0		1
11	3	0	2	0	0	3	0	4	0	5	1		2
12	4	1	2	5	1	3	0	2	3	5	2		3
13	0	0	0	2	2	0	0	3	6	1	0		1
14	0	2	1	2	3	0	2	1	0	2	3		1
15	0	0	2	2	4	0	0	4	1	2	2		2
16	0	0	2	4	0	1	2	0	2	2	3		1
17	2	3	2	2	0	0	0	0	0	2	5		2
18	0	2	6	0	1	0	2	1	0	1	2		1
19	7	3	0	2	0	5	3	0	2	0	1		2
20	4	1	3	2	1	0	0	0	1	2	0		1
21	2	1	1	2	0	1	0	2	0	2	2		1
22	2	2	1	2	0	0	0	2	0	2	2		1
23	2	2	5	2	2	0	2	0	1	5	0		2
24	2	0	2	1	0	3	0	2	0	2	1		1
25	2	2	2	4	2	2	0	2	0	2	0		2
26	0	0	2	0	2	0	0	1	0	2	3		1
27	1	0	2	2	0	0	0	0	2	5	3		2
28	0	3	0	2	0	2	0	0	3	2	3		1
29	0	2	0	0	3	2	0	0	3	2	3		1
30	0	0	2	0	3	2	2	0	0	0	2		1
MEAN	2	1	2	2	1	1	1	1	1	2	2		1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	2	0	2	0	1	2	1	0	2	1	1
2	0	2	0	0	2	0	1	0	0	1	0	2	1
3	0	2	2	0	0	2	0	2	2	0	3	3	1
4	0	0	2	0	2	0	1	2	2	1	0	3	1
5	3	0	0	2	5	0	2	2	2	0	2	5	2
6	0	0	0	2	0	2	0	0	3	0	3	2	1
7	3	2	2	2	0	2	2	****	****	****	****	****	****
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22	****	****	****	****	****	5	0	1	0	3	0	0	****
23	3	0	2	1	2	0	0	2	0	0	0	2	1
24	0	2	0	0	0	0	0	****	****	****	****	****	****
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	1	1	1	1	1	1	1	1	1	1	1	2	1

PERCENTAGE OF DATA VALID - 28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6	****	****	****	****	****	****	****	****	0	0	5	0	****
7	3	3	1	0	1	5	0	3	0	1	0	1	2
8	0	4	1	2	0	0	0	2	1	0	0	1	1
9	0	0	2	2	0	0	1	2	2	2	1	2	1
10	0	0	2	4	0	4	0	2	0	0	4	0	1
11	0	2	1	0	0	0	3	2	1	2	2	2	1
12	0	0	1	0	4	0	0	4	0	2	1	2	1
13	0	0	2	0	0	3	****	0	2	2	2	1	1
14	2	1	1	1	2	0	0	0	2	2	1	0	1
15	0	2	0	1	0	0	2	0	2	0	1	0	1
16	0	0	1	2	1	1	0	0	3	0	2	2	1
17	6	0	2	5	3	0	0	2	3	0	1	2	2
18	1	3	2	0	4	0	3	0	0	1	0	0	1
19	0	2	5	0	1	2	****	3	0	2	2	4	2
20	0	1	2	0									
21	0	1	3	0	1	0	1	2	0	0	0	2	1
22	2	1	2	1	2	0	0	2	0	0	0	1	1
23	1	1	2	1	2	0	0	0	2	2	2	0	1
24	0	0	4	1	2	2	0	3	2	2	3	0	1
25	1	0	2	1	2	0	2	0	2	3	2	0	1
26	2	2	2	0	****	****	1	4	0	1	0	2	1
27	0	1	0	2	1	2	1	0	2	0	0	2	1
28	0	0	2	0	0	2	0	0	0	0	0	2	1
29	1	0	0	0	0	0	0	0	1	1	2	0	1
30	0	0	2	1	0	2	4	0	1	3	0	0	1
31	2	0	0	0	0	1	2	2	0	0	2	0	1
MEAN	1	1	2	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH SEP 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	0	2	2	0	0	2	2	0	0	6	1
2	1	0	2	5	2	2	2	2	0	0	2	0	2
3	0	4	0	0	2	****	****	****	****	****	****	****	****
4							DATA MISSING -						
5							DATA MISSING -						
6							DATA MISSING -						
7							DATA MISSING -						
8							DATA MISSING -						
9							DATA MISSING -						
10							DATA MISSING -						
11							DATA MISSING -						
12							DATA MISSING -						
13							DATA MISSING -						
14							DATA MISSING -						
15							DATA MISSING -						
16	****	****	****	****	****	0	2	2	0	1	0	0	****
17	0	3	2	0	0	0	2	1	3	0	3	4	2
18	0	2	3	2	2	0	0	2	0	0	0	3	1
19	0	2	3	2	0	2	0	1	1	0	0	2	1
20	5	2	1	0	2	0	0	2	0	2	0	0	1
21	2	0	2	5	0	2	2	0	2	1	2	3	2
22	0	2	2	0	****	0	2	0	2	2	5	1	1
23	2	0	1	2	2	2	1	2	2	2	0	3	2
24	0	2	0	2	0	4	0	2	2	****	****	****	1
25							DATA MISSING -						
26							DATA MISSING -						
27							DATA MISSING -						
28							DATA MISSING -						
29	****	****	****	****	****	****	****	****	0	2	2	5	****
30	4	2	5	6	2	5	0	4	0	2	7	5	4
MEAN	1	2	2	2	1	1	1	2	1	1	2	3	2

PERCENTAGE OF DATA VALID - 40

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH OCT 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	3	5	9	3	4	3	5	2	7	6	11	5
2	12	5	5	5	3	2	1	6	2	4	3	9	5
3	8	5	10	9	2	2	1	0	2	3	0	3	4
4	0	0	2	2	0	2	0	2	2	4	0	3	1
5	0	2	3	5	5	3	0	0	3	5	0	5	3
6	0	3	3	3	0	0	0	2	0	0	0	2	1
7	0	0	0	3	0	0	3	3	2	2	0	4	1
8	2	1	2	2	2	3	0	1	1	0	0	2	1
9	0	0	0	0	2	0	0	2	2	0	2	2	1
10	2	1	0	0	0	0	0	0	2	2	1	2	1
11	0	0	0	2	1	0	1	2	1	0	3	0	1
12	0	1	1	0	0	2	1	1	2	1	0	2	1
13	0	1	2	0	3	1	2	0	2	4	0	2	1
14	0	0	2	0	1	1	0	2	0	0	1	0	1
15	3	0	3	0	2	****	0	2	1	2	2	3	2
16	4	0	0	0	1	0	0	3	0	2	0	1	1
17	2	1	1	0	2	0	2	2	2	0	2	0	1
18	0	1	0	1	1	2	1	2	0	2	0	0	1
19	0	0	0	1	0	1	1	2	2	2	2	1	1
20	1	2	2	2	2	2	1	0	1	2	2	0	1
21	1	1	1	0	0	0	0	0	1	0	0	3	1
22	1	3	0	0	4	0	0	0	0	0	0	2	1
23	0	0	2	0	0	0	2	0	0	0	0	2	1
24	0	1	2	2	0	2	2	0	1	3	1	1	1
25	0	0	0	0	2	0	0	0	2	0	1	1	1
26	0	0	0	0	2	0	2	2	1	0	2	1	1
27	2	1	2	0	2	0	0	0	0	1	0	2	1
28	1	0	0	1	2	****	0	0	0	0	2	0	1
29	4	1	0	2	0	0	0	0	2	1	2	2	1
30	2	1	1	1	2	2	0	1	1	2	1	0	1
31	0	2	0	0	0	0	0	0	0	1	1	2	1
MEAN	2	1	1	2	1	1	1	1	1	2	1	2	1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	0	0	1	2	1	2	2	2	4	1
2	1	0	2	2	0	1	0	2	***	0	3	1	1
3	3	0	1	2	1	0	2	0	1	2	0	0	1
4	1	1	0	0	0	0	0	0	0	0	0	0	0
5	2	0	1	2	0	1	1	1	1	1	3	1	1
6	1	3	0	0	2	2	0	0	0	0	2	1	1
7	0	0	1	2	2	2	0	1	1	2	0	4	1
8	0	0	1	1	0	1	0	0	1	0	0	0	1
9	2	0	1	0	0	0	1	0	1	0	0	0	1
10	3	1	1	0	2	0	1	0	1	0	0	0	1
11	0	2	0	0	0	2	0	2	0	2	0	4	1
12	1	0	0	2	2	1	0	2	2	2	1	2	1
13	2	1	3	0	2	0	0	0	0	0	0	0	1
14	2	0	0	0	0	0	0	1	0	2	4	1	1
15	2	2	2	0	3	2	2	1	0	1	0	0	1
16	4	0	0	0	0	2	0	1	0	1	0	3	1
17	0	0	2	2	0	1	0	3	0	0	1	2	1
18	1	0	4	1	0	0	0	3	1	1	0	0	1
19	0	0	1	1	2	0	2	1	0	1	2	1	1
20	0	0	0	2	0	2	2	1	1	0	0	0	1
21	0	2	0	0	1	0	0	2	1	0	0	0	1
22	0	0	1	0	2	0	3	0	2	1	2	0	1
23	0	2	2	1	1	2	0	1	0	0	2	0	1
24	0	1	1	0	2	2	0	6	3	2	0	3	2
25	3	0	4	3	5	1	4	3	3	6	3	2	3
26	4	4	2	4	6	3	1	3	2	3	2	2	3
27	2	2	2	2	6	4	3	5	3	2	5	5	3
28	4	4	1	3	3	0	0	3	0	2	0	3	2
29	1	0	2	2	3	0	5	5	5	4	0	2	2
30	1	0	0	3	2	3	3	4	1	1	3	2	2
MEAN	1	1	1	1	2	1	1	2	1	1	1	2	1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	2	4	0	0	0	3	0	7	6	2
2	6	12	7	9	3	2	3	2	2	5	1	3	5
3	4	2	2	3	5	2	3	2	4	4	7	2	3
4	2	3	3	5	2	0	0	6	5	3	0	2	3
5	2	2	2	1	0	2	0	0	2	0	2	1	1
6	0	4	5	3	0	9	0	4	4	3	1	2	3
7	2	8	3	4	0	0	3	1	0	3	0	4	2
8	0	2	0	0	0	5	0	***	10	5	3	2	2
9	5	1	2	8	6	1	3	0	10	2	2	4	4
10	0	2	0	1	2	1	5	2	2	1	3	4	2
11	6	1	0	0	2	6	0	0	0	4	2	11	3
12	8	8	3	3	8	3	0	0	1	3	2	6	4
13	3	2	2	4	3	0	1	5	1	0	6	5	3
14	2	5	5	6	0	0	0	2	2	2	4	3	3
15	1	5	0	2	3	***	0	0	0	5	3	3	2
16	0	4	2	6	2	3	2	2	2	2	3	0	2
17	2	0	2	8	3	4	0	2	0	1	2	2	2
18	3	0	0	1	0	4	3	2	0	1	10	6	3
19	2	0	0	2	4	2	2	2	3	1	8	2	2
20	4	2	2	4	4	2	3	0	5	5	13	6	4
21	2	3	6	3	6	2	0	0	3	2	0	0	2
22	1	0	4	3	2	3	0	2	3	0	3	2	2
23	2	3	6	4	6	7	4	3	5	2	3	5	4
24	4	1	1	4	0	6	2	2	2	0	2	0	2
25	0	2	2	2	2	3	2	4	0	3	2	2	2
26	4	2	2	3	2	3	2	3	5	3	3	2	3
27	0	2	1	0	0	2	2	2	2	2	2	2	1
28	4	2	0	2	2	2	1	2	2	2	1	6	2
29	0	2	0	6	5	4	4	2	0	2	3	5	3
30	0	1	2	2	1	0	3	4	***	5	3	1	2
31	3	3	0	3	2	3	0	5	1	5	2	7	3
MEAN	2	3	2	3	3	3	2	2	3	2	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - KING/RECTORY LONDON FAIR

NO 15001

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	5	12
FEB	28	4	8	13
MAR	31	3	5	11
APR	30	2	5	11
MAY	9	2	4	8
JUN	30	1	3	9
JUL	10	1	2	5
AUG	26	1	2	6
SEP	14	2	4	7
OCT	31	1	5	12
NOV	30	1	3	6
DEC	31	3	5	13
YEAR	301	2	8	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR

NO 15001

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	295	75	1	0	0	0	0	371
FEB	225	98	12	0	0	0	0	335
MAR	304	67	1	0	0	0	0	372
APR	313	41	1	0	0	0	0	355
MAY	88	7	0	0	0	0	0	95
JUN	337	22	0	0	0	0	0	359
JUL	102	3	0	0	0	0	0	105
AUG	295	5	0	0	0	0	0	300
SEP	133	11	0	0	0	0	0	144
OCT	349	19	2	0	0	0	0	370
NOV	348	11	0	0	0	0	0	359
DEC	304	62	3	0	0	0	0	369
YEAR	3093	421	20	0	0	0	0	3534

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
80	0	0.2	0.7	1.3	2.0	4.4	5.7	7.5	8.8	13	2.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	3	1	6	2	0	2	4	2	7	7	7	4
2	8	5	2	6	5	0	0	1	6	2	4	0	3
3	0	2	1	3	2	0	0	2	2	4	0	3	1
4	3	4	6	4	4	7	7	4	11	5	2	0	5
5	2	6	4	4	4	8	4	3	7	7	2	2	4
6	11	2	5	2	7	3	3	7	6	9	6	7	6
7	2	9	9	5	9	8	4	7	16	13	5	7	8
8	4	6	6	7	11	7	6	0	4	10	12	12	7
9	5	7	6	8	15	6	2	1	7	2	5	11	6
10	9	3	7	0	4	6	3	5	0	11	5	1	5
11	1	2	7	2	9	6	6	2	13	6	7	2	5
12	0	2	2	2	4	3	2	2	2	2	2	3	2
13	2	2	4	6	5	2	2	1	4	7	5	2	3
14	0	5	6	5	3	6	6	2	7	11	5	7	5
15	****	****	****	2	4	0	3	2	2	4	4	1	2
16	6	2	0	4	2	3	5	2	4	4	8	3	4
17	3	4	3	3	2	2	9	2	0	0	1	5	3
18	2	3	0	5	3	4	0	3	0	5	2	5	3
19	3	7	2	6	4	0	4	2	1	2	5	2	3
20	1	0	1	2	1	4	2	2	2	7	5	2	2
21	7	4	2	3	5	3	5	2	7	2	3	3	4
22	2	4	2	7	3	2	2	5	4	4	6	0	3
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	4	4	4	4	5	4	4	3	5	5	5	4	4

PERCENTAGE OF DATA VALID - 70

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17	****	****	****	****	****	****	****	0	0	2	2	5	****
18	3	2	2	6	11	5	3	4	7	5	7	5	5
19	2	3	3	6	2	3	3	6	3	2	3	6	4
20	3	3	7	0	3	0	1	2	0	2	0	2	2
21	0	0	2	0	0	2	2	2	4	3	3	2	2
22	0	2	4	3	1	3	0	2	2	2	3	2	2
23	3	5	3	8	4	0	2	1	2	2	0	2	3
24	3	0	0	1	2	2	2	0	0	0	2	3	1
25	3	2	2	4	4	2	****	2	2	2	7	****	3
26	2	2	2	3	3	2	3	2	2	3	3	3	3
27	3	5	2	2	2	2	2	2	2	3	2	3	3
28	2	3	2	7	7	3	1	2	3	2	2	1	3
29	1	2	2	2	2	2	2	1	2	2	2	2	2
30	1	****	2	0	3	0	0	2	3	9	8	3	3
31	5	4	2	1	2	2	2	3	3	2	4	6	3
MEAN	2	3	3	3	3	2	2	2	2	3	3	3	3

PERCENTAGE OF DATA VALID - 45

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH APR 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	4	6	6	2	****	2	3	1	2	2	0	3
2	3	2	5	2	1	2	2	3	4	3	2	3	3
3	1	0	1	1	1	0	2	0	1	1	1	2	1
4	1	0	1	0	3	1	0	1	2	0	1	2	1
5	2	11	3	4	1	0	1	0	1	3	2	3	3
6	5	4	4	4	5	1	****	2	1	6	2	2	3
7	2	1	1	0	2	2	1	1	2	1	3	1	1
8	5	5	2	3	4	1	2	1	2	2	3	1	3
9	6	4	4	2	4	2	6	4	2	1	2	1	3
10	1	2	1	0	2	1	1	0	2	2	5	5	2
11	2	3	7	5	3	5	2	2	3	2	2	2	3
12	6	3	3	6	5	2	3	5	6	5	2	3	4
13	6	3	3	2	1	0	2	0	1	2	1	0	2
14	2	1	0	1	1	****	2	1	1	0	2	3	1
15	3	2	3	6	4	3	2	3	2	5	2	4	3
16	6	10	7	8	6	1	0	0	0	1	1	2	4
17	5	12	11	10	6	2	1	3	3	3	3	2	5
18	1	2	1	2	4	1	0	1	2	2	1	3	2
19	3	2	4	2	2	1	2	2	1	2	1	2	2
20	2	5	5	6	7	2	2	2	2	3	2	3	3
21	0	0	3	0	0	0	0	0	0	2	0	2	1
22	0	1	0	0	1	0	0	0	2	0	0	2	1
23	1	0	3	0	2	0	2	0	2	0	3	7	2
24	0	0	2	0	2	0	0	2	0	3	2	0	1
25	3	0	2	1	0	0	0	0	0	0	0	0	1
26	5	0	2	0	2	0	0	0	0	2	0	0	2
27	1	1	2	5	2	3	0	0	2	3	0	0	2
28	0	2	0	7	3	2	****	5	5	2	4	0	3
29	1	2	0	0	2	1	2	5	1	2	0	2	2
30	0	1	5	0	3	2	1	1	0	1	2	5	2
MEAN	3	3	3	3	3	1	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH MAY 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	7	5	2	5	3	2	1	3	3	0	1	3
2	2	2	3	0	1	0	2	0	0	1	0	1	1
3	0	2	0	0	3	0	2	0	2	0	2	0	2
4	0	0	0	0	2	0	2	0	1	5	4	2	4
5	5	2	3	7	0	5	2	0	0	0	2	1	2
6	3	3	4	9	2	3	2	0	2	2	5	3	3
7	2	0	2	2	2	4	0	2	0	3	0	3	2
8	0	0	3	5	5	2	0	0	3	0	5	3	2
9	2	0	3	5	5	2	0	0	3	0	5	3	2
10	9	6	15	11	0	0	0	2	2	0	3	5	4
11	3	13	9	5	3	2	2	2	2	3	5	2	4
12	0	1	5	2	0	1	0	3	0	0	5	2	2
13	0	2	0	3	0	3	0	3	2	3	0	4	2
14	3	1	2	2	1	0	0	2	3	2	0	2	2
15	1	4	7	4	1	5	3	4	0	4	3	2	3
16	2	2	2	0	2	2	2	0	1	2	0	2	1
17	0	1	2	0	0	0	0	0	1	2	0	3	1
18	0	2	3	1	4	0	9	2	5	2	5	3	3
19	11	4	5	7	7	2	2	2	2	2	2	2	4
20	0	5	7	2	2	1	3	2	3	2	2	0	2
21	7	9	7	1	3	0	2	2	0	2	0	2	3
22	2	0	0	0	2	2	2	0	2	2	0	2	1
23	0	2	0	4	0	2	0	0	3	0	2	2	1
24	0	2	0	3	0	7	3	5	6	2	1	0	2
25	2	0	2	0	0	0	3	0	2	1	0	2	1
26	0	2	2	5	0	0	1	0	5	0	2	0	1
27	0	5	1	2	0	2	0	2	0	2	2	1	1
28	2	2	2	1	0	2	3	0	2	1	9	7	3
29	3	3	5	0	2	3	0	5	5	5	3	2	3
30	6	3	2	0	3	1	0	1	0	3	5	2	2
31	3	0	2	0	0	2	0	3	3	2	3	4	2
MEAN	2	3	3	3	2	2	2	1	2	2	2	2	2

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON					NO 15003		MONTH JUN 71									MEAN	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24					
1	2	2	5	2	4	0	6	1	2	4	0	0	4	2	2	0	0
2	2	0	3	3	5	2	5	0	3	3	2	3	2	0	2	0	3
3	2	2	4	5	0	5	0	2	0	8	5	0	2	0	2	0	3
4	11	7	7	4	0	1	5	0	2	3	3	2	4	2	0	3	4
5	7	2	5	1	3	5	5	0	1	5	2	2	3	1	5	2	3
6	5	5	3	0	4	3	4	0	2	0	3	1	0	2	0	0	3
7	6	3	4	5	2	3	2	4	0	4	2	0	3	2	0	4	2
8	2	2	2	0	1	2	0	0	0	4	2	0	4	0	2	4	2
9	1	2	0	1	1	0	0	2	1	2	2	5	2	0	1	5	1
10	5	2	1	2	0	2	1	1	7	7	2	2	3	2	2	2	3
11	3	2	1	6	1	2	4	1	4	7	7	2	3	2	7	2	3
12	3	7	7	3	5	6	3	2	2	3	3	2	2	2	3	2	4
13	6	0	4	0	0	2	0	0	0	1	3	0	0	1	3	0	4
14	0	2	0	3	5	4	2	1	3	2	1	4	2	2	3	2	2
15	5	3	3	7	2	2	3	0	2	3	2	5	3	2	1	5	3
16	1	2	2	3	2	3	1	0	0	3	2	7	2	2	0	2	2
17	2	7	6	7	5	2	2	5	0	3	2	4	2	2	5	4	5
18	2	5	9	7	2	6	5	6	3	3	2	5	4	2	5	4	5
19	5	11	10	3	3	6	3	2	0	2	4	4	4	0	2	4	4
20	2	13	3	1	3	3	2	2	3	2	2	1	3	3	2	2	3
21	2	0	1	2	1	2	1	0	0	0	0	0	0	0	0	0	1
22	2	0	1	0	0	0	2	0	2	0	2	0	2	0	0	7	1
23	2	0	5	6	0	1	0	2	1	8	0	5	0	0	5	3	1
24	2	5	3	7	0	3	0	3	0	3	0	7	0	0	3	2	3
25	2	2	5	2	6	5	4	0	0	0	2	0	2	0	0	3	2
26	0	3	3	2	2	2	5	2	2	2	2	0	2	0	0	2	2
27	2	2	2	5	0	2	0	2	2	2	2	3	0	2	2	2	2
28	2	1	5	5	****	****	****	****	****	****	****	****	****	****	****	****	****
29																	
30																	
MEAN	3	3	4	3	2	3	2	2	2	3	2	3	2	2	2	3	3

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON													NO 15003		MONTH JUL 71							MEAN
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24										
1							- DATA MISSING	-														
2							- DATA MISSING	-														
3							- DATA MISSING	-														
4							- DATA MISSING	-														
5							- DATA MISSING	-														
6							- DATA MISSING	-														
7	****	****	****	****	****	3	- DATA MISSING	3					****									
8	5	3	3	8	2	5	2	5	2	2	2	0	3									
9	3	2	3	2	0	2	5	3	2	0	1	5	4									
10	2	4	9	5	0	0	3	3	0	1	0	2	2									
11	0	3	0	0	0	3	0	2	0	0	3	0	1									
12	2	2	0	5	0	0	1	0	5	0	3	0	2									
13	3	3	6	2	3	2	3	2	0	0	3	2	2									
14	3	0	0	2	0	3	2	0	0	0	0	0	1									
15	4	0	2	7	0	0	0	5	2	2	2	2	2									
16	2	5	0	2	2	0	2	0	3	0	5	1	1									
17	0	2	2	2	2	0	2	0	0	0	0	0	2									
18	2	3	0	5	0	2	0	3	0	3	2	0	2									
19	3	2	0	3	3	0	0	2	0	2	0	5	2									
20	3	2																				
21	8	7	9	8	0	2	0	3	0	3	0	3	4									
22	0	5	2	0	6	2	3	5	0	0	5	0	2									
23	6	2	2	5	3	3	1	0	2	6	5	3	3									
24	2	5	3	5	0	2	0	2	2	1	3	2	2									
25	0	0	0	0	5	2	2	0	3	0	0	2	2									
26	0	5	2	0	0	3	5	0	0	4	2	4	2									
27	0	2	1	0	0	2	2	1	3	0	5	0	1									
28	2	3	4	3	0	0	5	2	0	3	3	2	2									
29	2	4	2	5	0	0	0	1	0	1	3	2	2									
30	0	3	2	5	4	0	3	2	0	0	5	3	3									
31	4	1	3	2	2	0	3	2	0	3	0	6	2									
MEAN	2	3	2	3	2	2	2	2	1	1	2	2	2									

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	4	2	5	2	4	2	0	5	0	7	0	3
2	2	2	2	5	1	3	1	3	0	3	2	0	2
3	2	2	3	2	0	2	0	2	0	3	0	0	1
4	2	0	5	0	3	2	2	2	2	3	0	0	2
5	0	0	3	2	1	1	0	0	0	2	0	3	1
6	0	2	3	2	4	3	***	0	3	2	2	6	2
7	1	3	4	2	2	0	2	1	0	2	0	5	2
8	0	2	2	6	5	1	0	0	2	6	3	1	2
9	2	6	2	2	6	1	0	2	5	2	0	2	3
10	3	3	3	5	2	4	3	2	4	2	2	0	3
11	0	0	4	3	2	3	0	2	1	1	2	1	2
12	2	0	1	2	6	1	1	0	1	2	3	0	2
13	1	4	2	0	0	2	2	***	***	***	***	***	***
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26	***	***	***	***	***	***	***	4	3	2	2	1	***
27	2	0	1	4	0	1	0	0	1	3	2	3	2
28	0	2	2	0	3	3	2	2	3	1	2	2	2
29	2	3	2	0	0	1	0	2	3	2	2	4	2
30	4	2	4	2	6	2	2	3	1	1	0	0	2
31	1	1	2	6	0	2	3	0	2	1	0	4	2
MEAN	1	2	3	3	2	2	1	1	2	2	2	2	2

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	3	1	3	2	2	2	2	2	3	3	2
2	3	7	8	8	5	5	4	4	2	2	2	2	4
3	3	4	3	3	2	2	***	***	1	1	4	2	3
4	2	1	1	2	2	2	2	4	2	2	0	0	2
5	0	2	3	2	1	2	0	2	3	2	2	2	2
6	1	2	3	1	2	0	1	1	2	2	2	1	2
7	0	3	2	0	2	2	2	3	0	3	4	2	2
8	2	2	4	1	5	3	3	4	2	2	0	3	1
9	0	0	1	1	2	***	0	2	1	2	0	3	1
10	2	3	4	3	1	0	0	2	4	4	0	4	2
11	2	4	3	3	3	0	3	2	2	0	2	0	2
12	0	0	0	2	0	2	1	2	1	0	0	0	1
13	2	0	0	2	0	2	1	3	0	1	1	2	1
14	2	0	2	1	0	2	2	1	2	2	3	5	2
15	6	5	3	3	0	0	2	1	0	2	5	5	3
16	3	7	10	11	2	***	0	3	4	3	5	3	5
17	4	0	3	4	0	2	2	0	3	3	5	3	2
18	2	3	3	3	2	0	2	0	6	2	5	0	2
19	3	0	0	0	2	5	2	2	2	5	0	7	2
20	3	5	6	0	5	0	3	2	2	2	2	0	3
21	0	3	3	0	2	0	2	2	5	4	12	10	4
22	15	11	15	3	2	***	2	2	2	5	4	0	6
23	2	2	13	5	1	5	3	3	5	0	2	2	4
24	2	2	4	2	0	2	2	2	5	12	17	10	5
25	11	8	16	9	3	1	0	0	3	3	2	2	5
26	0	0	3	0	2	0	2	3	2	1	0	3	1
27	0	5	5	0	2	4	3	5	2	3	1	3	3
28	3	2	3	6	3	3	3	6	4	2	2	3	3
29	2	4	7	2	2	2	0	2	0	2	0	2	2
30	2	2	3	2	2	2	0	0	0	2	0	2	1
MEAN	3	3	4	3	2	2	2	2	2	3	3	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	0	2	0	0	0	2	0	3	2	1
2	3	0	2	3	3	0	3	2	0	1	0	3	2
3	2	2	0	3	2	0	0	0	2	0	2	0	1
4	0	0	0	0	0	2	0	0	2	0	0	3	1
5	0	1	0	0	0	0	0	2	0	0	0	1	1
6	0	0	3	0	0	0	0	2	0	0	1	0	1
7	2	1	0	0	3	0	2	***	0	5	11	0	2
8	7	2	5	12	5	3	0	2	3	3	0	2	4
9	3	3	2	0	3	2	2	3	2	2	3	9	3
10	7	5	5	3	8	3	2	5	2	3	1	1	4
11	2	0	0	0	0	4	0	0	3	2	0	0	1
12	3	0	2	2	3	3	0	2	1	3	7	3	2
13	2	3	3	12	4	7	0	3	2	4	11	4	5
14	2	0	0	7	2	5	2	7	4	5	4	7	4
15	5	3	5	4	6	3	***	3	4	2	9	11	5
16	8	9	7	7	3	8	4	4	2	0	7	5	5
17	1	3	2	6	2	2	4	2	1	3	3	1	3
18	3	5	2	2	9	5	2	0	1	3	5	3	3
19	3	4	7	5	10	7	1	2	2	2	6	2	4
20	5	7	5	5	5	3	0	2	3	4	6	4	4
21	7	0	3	2	1	2	2	***	2	4	5	4	3
22	5	7	5	6	3	2	4	3	4	2	2	5	4
23	2	3	2	0	8	3	2	2	2	2	2	1	3
24	2	1	2	2	1	2	2	3	2	2	1	2	2
25	0	0	3	0	1	0	0	0	2	2	0	1	1
26	2	0	3	3	4	3	0	4	2	1	2	2	2
27	2	3	3	4	3	3	3	2	4	4	3	2	3
28	3	0	2	4	0	0	***	3	0	4	6	19	4
29	10	9	7	8	2	4	4	3	7	10	4	5	6
30	7	5	6	6	5	6	2	2	5	9	5	4	5
31	5	4	7	5	5	2	5	0	3	1	3	1	3
MEAN	3	3	3	4	3	3	2	2	2	3	4	4	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	7	3	2	0	4	2	7	2	7	3
2	2	0	1	1	2	0	2	0	2	0	2	2	1
3	2	1	1	4	2	0	4	0	2	1	1	2	2
4	3	3	0	0	2	3	0	3	2	2	2	2	2
5	2	7	3	2	3	2	1	1	1	0	4	0	2
6	4	2	0	2	2	3	1	2	2	4	2	3	2
7	4	2	0	5	2	0	1	1	2	3	1	2	2
8	0	0	2	2	2	1	2	1	2	3	4	6	2
9	4	2	1	2	6	5	2	3	0	3	5	5	3
10	5	2	4	2	2	6	3	3	4	0	0	3	3
11	2	3	1	1	3	3	3	2	4	3	5	3	3
12	3	2	7	4	5	2	9	5	5	7	9	5	3
13	9	6	6	2	7	0	0	0	3	0	5	3	3
14	1	2	0	0	3	0	2	4	4	3	3	2	2
15	3	2	6	7	7	5	0	4	4	0	3	4	4
16	3	2	1	2	0	***	2	4	5	9	6	7	4
17	4	11	6	4	2	2	3	6	8	4	9	5	5
18	6	5	3	7	8	4	5	5	7	3	3	0	5
19	4	1	1	3	3	0	2	3	1	2	2	0	2
20	4	1	2	2	3	0	0	4	4	4	2	0	2
21	1	1	0	2	0	2	2	1	0	2	0	1	1
22	0	1	1	2	0	3	0	2	4	1	4	1	1
23	4	1	4	9	6	0	4	0	2	0	2	2	3
24	0	3	2	4	4	2	5	4	8	6	3	7	4
25	4	4	2	4	12	6	5	3	7	6	6	3	5
26	4	4	3	7	6	4	5	11	9	5	0	3	6
27	5	4	4	4	6	3	3	6	2	7	4	7	4
28	0	0	0	0	3	2	1	1	1	1	4	2	1
29	2	3	2	2	3	3	3	4	3	3	4	4	3
30	2	0	0	0	1	1	1	3	***	3	1	0	1
MEAN	3	3	2	3	4	2	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH DEC 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	2	1	2	0	1	1	4	6	7	2
2	13	5	10	11	12	1	2	4	6	1	2	7	6
3	5	4	2	6	5	4	5	1	3	0	2	3	3
4	2	2	2	5	6	4	3	5	5	5	2	3	4
5	1	2	1	0	0	1	1	1	0	4	4	6	2
6	2	5	3	4	7	1	4	2	13	4	6	5	5
7	0	6	14	3	4	3	1	6	5	4	2	0	4
8	3	2	3	4	5	4	3	5	8	6	5	9	5
9	4	2	6	7	8	6	5	6	10	3	3	8	6
10	4	6	1	5	4	5	5	4	2	4	2	2	4
11	4	2	2	0	3	0	1	4	2	5	2	6	3
12	2	5	5	10	6	7	4	7	2	5	6	6	5
13	1	2	2	2	3	2	1	2	2	3	4	3	2
14	8	14	10	8	3	4	2	3	5	5	4	2	6
15	0	1	2	2	1	7	3	5	2	2	2	2	2
16	3	0	3	3	5	2	2	4	3	3	3	0	3
17	3	2	3	2	7	2	3	3	2	2	7	5	3
18	2	5	0	2	2	2	2	2	1	3	11	9	3
19	2	3	0	3	4	1	3	0	3	3	3	2	2
20	2	2	2	5	5	2	7	5	9	11	6	9	5
21	3	3	3	7	5	1	0	3	2	3	2	1	3
22	0	2	0	9	7	7	2	0	3	5	3	2	3
23	2	0	3	3	9	5	7	7	7	5	5	5	5
24	0	4	0	3	4	3	2	3	2	3	2	3	2
25	0	2	0	3	2	2	0	2	2	0	2	****	1
26							- DATA MISSING	-					
27							- DATA MISSING	-					
28							- DATA MISSING	-					
29							- DATA MISSING	-					
30	****	****	****	****	****	****	1	5	3	0	3	2	****
31	2	2	0	2	3	1	2	3	3	2	3	4	2
MEAN	3	3	3	4	5	1	3	3	4	4	4	4	4

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - 362 DUNDAS ST LONDON

NO 15003

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	4	8	16
FEB	DATA MISSING			
MAR	15	1	5	11
APR	30	2	5	12
MAY	31	2	4	15
JUN	28	3	5	13
JUL	25	2	4	9
AUG	19	2	3	7
SEP	30	3	6	17
OCT	31	3	6	19
NOV	30	3	6	12
DEC	27	4	6	14
YEAR	288	3	8	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	162	87	11	1	0	0	0	261
FEB	DATA MISSING							
MAR	148	21	1	0	0	0	0	170
APR	307	46	3	0	0	0	0	356
MAY	315	53	4	0	0	0	0	372
JUN	256	67	3	0	0	0	0	326
JUL	251	44	0	0	0	0	0	295
AUG	198	17	0	0	0	0	0	215
SEP	306	39	8	2	0	0	0	355
OCT	288	74	5	1	0	0	0	368
NOV	287	68	3	0	0	0	0	358
DEC	222	87	8	0	0	0	0	317
YEAR	2740	603	46	4	0	0	0	3393

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
83	0	0.3	1.0	1.7	2.8	5.3	6.7	8.9	10.7	19	2.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH JAN 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	5	2	6	2	2	3	0	7	6	3
2	7	5	7	5	3	3	3	0	0	3	0	0	3
3	1	2	0	1	5	0	2	0	3	4	3	2	2
4	0	1	5	2	3	5	7	9	2	2	2	2	3
5	2	1	2	2	5	3	1	4	3	3	3	1	3
6	3	2	3	5	2	0	5	2	1	0	3	0	3
7	3	3	4	5	0	1	5	7	3	13	13	9	5
8	3	0	0	5	3	2	7	0	13	4	8	3	5
9	5	5	2	3	9	4	5	2	4	4	2	2	4
10	5	6	7	6	6	4	5	2	4	4	2	2	4
11	0	3	2	9	2	3	0	5	8	5	5	0	4
12	0	5	2	3	2	5	0	2	0	4	4	4	3
13	3	2	0	5	2	0	0	3	2	2	2	2	2
14	0	2	3	7	2	3	9	2	0	0	2	4	3
15	1	5	0	0	5	2	3	0	3	0	0	1	2
16	5	2	5	5	5	3	2	0	0	2	2	3	3
17	5	8	7	2	3	3	5	0	5	2	1	3	4
18	0	3	0	0	3	0	2	3	2	2	6	0	2
19	2	3	1	2	1	4	0	2	2	2	3	0	2
20	2	0	3	0	0	2	2	2	0	2	0	2	1
21	3	0	2	3	8	6	8	3	7	2	0	2	4
22	2	7	2	2	3	2	2	2	0	6	0	5	3
23	4	5	6	8	7	0	2	0	4	2	3	2	4
24	0	3	4	1	3	3	3	2	2	3	7	3	3
25	9	5	2	7	5	2	9	5	5	7	7	7	6
26	8	4	5	8	3	4	1	4	5	5	1	4	5
27	0	3	0	2	3	1	2	4	0	0	5	0	2
28	7	2	2	0	3	0	3	0	2	7	****	****	3
29							DATA MISSING -						
30							DATA MISSING -						
31							DATA MISSING -						
MEAN	3	3	3	4	4	3	3	3	3	3	3	2	3

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH FEB 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							DATA MISSING -						
2							DATA MISSING -						
3							DATA MISSING -						
4							DATA MISSING -						
5							DATA MISSING -						
6							DATA MISSING -						
7							DATA MISSING -						
8							DATA MISSING -						
9							DATA MISSING -						
10							DATA MISSING -						
11							DATA MISSING -						
12							DATA MISSING -						
13							DATA MISSING -						
14							DATA MISSING -						
15							DATA MISSING -						
16							DATA MISSING -						
17							DATA MISSING -						
18							DATA MISSING -						
19							DATA MISSING -						
20							DATA MISSING -						
21							DATA MISSING -						
22	****	****	****	****	****	2	2	2	3	0	2	3	****
23	1	3	3	2	2	3	3	3	2	4	3	0	2
24	2	0	0	2	0	2	0	3	3	3	4	5	2
25	3	7	1	6	2	3	3	4	5	2	7	11	5
26	15	7	15	28	14	13	11	12	7	7	9	9	12
27	5	5	2	0	0	2	3	2	3	0	3	1	2
28	4	1	3	3	0	2	3	3	2	5	1	2	2
MEAN	5	4	4	7	3	4	4	4	4	3	4	4	4

PERCENTAGE OF DATA VALID - 23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION					NO 26001		MONTH MAR 71							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	4	2	5	5	5	2	1	3	3	3	5	4	
2	4	5	5	11	11	5	2	1	3	0	3	5	5	
3	2	3	3	3	4	2	0	2	2	1	2	1	2	
4	0	2	0	2	3	0	1	1	2	2	3	1	2	
5	4	1	5	5	4	3	1	4	6	5	7	9	5	
6	10	8	6	9	8	8	1	6	5	5	2	4	6	
7	1	2	3	2	1	1	1	1	2	0	0	2	2	
8	1	1	0	0	2	2	1	2	4	1	2	1	3	
9	3	2	2	3	4	2	2	2	2	3	5	5	5	
10	2	7	8	11	13	4	1	2	1	3	1	5	5	
11	2	3	0	2	5	1	1	2	4	2	3	3	3	
12	5	3	3	4	6	1	2	0	2	4	4	4	4	
13	5	3	7	6	4	1	2	4	4	9	7	7	5	
14	5	6	2	7	7	11	4	9	9	10	15	8	8	
15	3	5	7	7	5	2	4	3	2	2	2	2	4	
16	1	3	1	3	2	2	2	2	1	2	2	3	2	
17	3	2	0	3	2	2	1	3	4	2	2	3	2	
18	4	5	3	11	10	1	4	4	3	5	9	5	6	
19	3	5	3	2	2	4	2	6	3	3	2	0	3	
20	1	4	3	1	3	2	2	5	1	1	0	2	2	
21	2	1	0	1	1	1	3	0	1	3	2	4	2	
22	2	2	4	0	1	2	1	2	3	2	3	3	2	
23	2	3	2	7	2	0	0	2	0	0	3	2	2	
24	0	2	2	2	2	2	2	0	2	2	3	2	2	
25	0	0	2	3	1	3	0	2	1	3	4	4	3	
26	4	2	2	4	2	1	2	3	2	6	4	7	3	
27	3	6	2	4	2	4	2	2	3	3	3	2	3	
28	0	2	3	1	4	2	2	4	3	3	2	4	3	
29	0	1	5	2	3	1	1	2	2	2	2	0	2	
30	1	1	1	4	1	3	3	2	2	3	3	3	2	
31	5	4	6	9	7	3	2	3	2	4	5	2	4	
MEAN	3	3	3	4	4	3	2	3	3	3	3	3	3	

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION					NO 26001		MONTH APR 71							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	4	4	13	7	7	2	2	4	3	0	2	4	
2	0	3	1	0	3	2	2	3	1	0	1	0	1	
3	2	2	2	3	2	2	2	2	2	1	3	2	2	
4	0	3	1	2	2	3	1	0	2	2	3	3	2	
5	2	3	7	5	2	****	1	0	1	2	2	1	2	
6	2	4	2	6	2	0	2	1	2	5	6	2	3	
7	2	2	1	1	2	1	2	1	0	1	1	1	1	
8	0	1	2	0	2	1	3	2	2	2	4	5	2	
9	6	4	5	4	3	2	2	4	3	2	1	0	3	
10	0	0	2	0	2	1	2	2	1	6	2	5	2	
11	10	9	13	7	2	2	2	2	2	3	2	3	5	
12	6	3	3	3	4	4	4	2	2	2	3	4	3	
13	5	4	3	2	2	1	0	2	0	1	1	2	2	
14	2	0	1	2	1	1	0	2	1	1	2	1	1	
15	2	2	3	3	2	1	2	1	3	1	13	7	3	
16	6	5	3	2	3	****	****	****	****	****	****	****	****	
17							- DATA MISSING -							
18							- DATA MISSING -							
19							- DATA MISSING -							
20							- DATA MISSING -							
21							- DATA MISSING -							
22							- DATA MISSING -							
23							- DATA MISSING -							
24							- DATA MISSING -							
25							- DATA MISSING -							
26							- DATA MISSING -							
27							- DATA MISSING -							
28							- DATA MISSING -							
29							- DATA MISSING -							
30							- DATA MISSING -							
MEAN	3	3	3	3	3	2	2	2	2	2	3	3	3	

PERCENTAGE OF DATA VALID - 51

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30	****	****	****	****	****	****	****	****	****	****	0	2	****
31	2	0	3	1	0	0	0	1	0	2	2	2	1
MEAN	2	0	3	1	0	0	0	1	0	2	1	2	1

PERCENTAGE OF DATA VALID - 3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	3	1	2	0	2	0	1	2	0	0	1
2	0	2	0	2	2	2	5	3	2	4	0	4	2
3	4	2	0	2	2	3	0	4	1	4	2	2	2
4	1	1	2	2	2	2	2	1	2	0	2	1	2
5	2	0	2	2	2	1	0	2	0	3	3	1	2
6	2	0	3	3	3	3	2	0	0	0	0	3	2
7	2	0	0	0	3	1	0	1	0	2	0	4	1
8	0	2	0	2	3	0	3	0	0	2	3	3	2
9	0	4	2	0	2	1	0	0	0	0	0	0	1
10	0	2	0	0	2	2	0	3	0	2	2	2	1
11	2	3	2	5	2	5	0	2	0	3	3	2	2
12	3	2	2	2	2	2	3	0	3	2	3	2	2
13	2	3	0	2	1	0	0	2	0	3	0	2	1
14	0	3	0	1	1	2	2	2	2	0	2	4	2
15	0	5	2	3	2	1	0	2	1	4	2	3	2
16	2	0	2	0	5	2	0	0	0	0	0	2	1
17	0	3	0	2	5	3	2	2	4	0	3	2	2
18	2	1	3	1	3	2	5	****	0	4	0	5	2
19	4	5	5	6	5	2	1	3	2	1	3	2	3
20	2	0	0	1	0	1	2	0	2	0	0	2	1
21	0	5	0	2	0	0	0	3	2	2	0	2	1
22	0	3	0	3	2	0	0	0	3	0	0	3	1
23	2	0	2	0	0	3	0	2	0	2	1	3	1
24	3	1	2	2	5	2	0	3	0	2	0	0	2
25	3	2	2	2	2	****	2	3	0	2	1	2	2
26	1	1	0	0	0	0	2	1	0	2	0	0	1
27	1	1	0	1	2	1	2	2	0	2	2	1	1
28	0	1	3	5	3	4	2	0	4	1	0	1	2
29	3	2	2	0	2	2	2	2	0	2	2	0	1
30	2	0	0	4	2	4	2	3	3	0	2	0	2
MEAN	1	2	1	2	2	2	1	2	1	2	1	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	0	2	****	2	2	0	2	1	2	1
2	2	1	1	0	1	0	2	1	0	2	2	0	1
3	0	1	2	0	0	2	0	0	0	0	0	4	1
4	2	4	4	0	2	0	5	1	2	1	0	3	2
5	2	2	4	3	0	2	2	0	1	0	0	0	1
6	2	1	2	1	0	0	0	2	2	2	1	2	1
7	2	1	1	1	2	2	2	0	2	0	1	2	1
8	2	0	0	0	4	0	3	0	2	****	5	5	2
9	6	2	0	1	2	0	3	2	3	5	2	4	3
10	3	6	2	4	3	3	2	8	2	2	1	2	3
11	2	2	2	2	2	2	1	3	2	0	2	2	2
12	2	2	2	3	4	3	7	4	2	6	5	6	4
13	3	7	2	5	4	2	4	2	0	2	0	2	3
14	1	1	0	0	3	2	1	0	1	1	2	1	1
15	2	1	2	0	1	0	1	1	0	2	1	2	1
16	2	2	3	2	0	0	1	2	0	2	0	2	1
17	0	1	0	0	2	0	0	0	0	2	2	0	1
18	2	2	0	0	2	0	1	0	0	2	0	1	1
19	3	0	2	0	0	2	1	0	0	2	0	3	1
20	0	2	0	3	0	0	3	0	0	0	2	1	1
21	0	0	2	3	3	2	2	0	2	0	0	0	1
22	0	1	1	3	2	2	2	2	0	2	2	0	1
23	2	0	2	1	0	2	****	2	3	0	0	0	1
24	3	2	0	4	2	1	3	0	2	0	0	1	2
25	0	2	1	1	2	0	0	2	0	0	0	2	1
26	0	2	0	2	0	2	0	0	2	2	0	1	1
27	2	1	0	0	2	1	0	0	0	3	0	0	1
28	3	0	1	0	0	0	2	0	2	0	1	2	1
29	0	0	2	0	3	1	2	0	2	0	2	2	1
30	0	2	2	2	3	4	2	1	0	2	0	2	2
31	2	2	1	1	2	2	2	1	0	1	3	1	2
MEAN	2	2	1	1	2	1	2	1	1	1	1	2	1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	2	1	0	0	2	0	1	1	0	1
2	0	2	0	0	2	2	2	0	0	2	2	3	1
3	2	4	1	2	1	0	1	2	1	0	2	0	1
4	1	1	2	0	3	0	1	0	0	2	1	0	1
5	1	3	1	1	1	2	0	1	1	0	1	0	1
6	2	0	1	2	0	1	****	1	0	2	2	1	1
7	****	0	0	0	0	1	0	0	2	0	0	2	0
8	1	0	0	1	0	0	3	0	1	1	1	0	1
9	4	0	0	2	2	2	1	0	5	1	0	2	2
10	1	0	2	3	4	0	2	0	2	0	2	0	1
11	2	0	2	2	2	2	0	1	0	2	0	0	1
12	2	0	2	0	2	0	3	0	0	2	0	2	1
13	0	3	0	0	5	0	****	****	1	2	0	2	1
14	2	0	1	3	2	2	2	2	2	0	2	2	2
15	2	1	0	1	0	2	0	2	2	1	1	0	1
16	2	0	2	1	2	0	0	1	2	0	2	1	1
17	2	2	2	2	1	2	1	0	1	2	2	1	2
18	1	3	0	2	2	3	4	0	1	2	2	2	2
19	2	3	2	3	2	4	5	5	2	3	2	2	3
20	1	2	2	1	2	1	****	0	0	1	0	2	1
21	2	0	3	0	3	0	2	0	0	2	0	2	1
22	0	2	2	0	3	0	7	0	1	0	0	1	1
23	0	0	2	0	2	0	2	2	3	0	2	0	1
24	4	0	2	3	0	2	0	3	4	0	2	3	2
25	1	0	2	2	5	1	2	2	0	0	2	0	1
26	0	0	2	0	2	0	3	3	5	3	5	2	2
27	3	2	0	3	1	4	0	0	2	1	0	0	1
28	0	3	0	3	0	1	2	1	2	0	0	0	1
29	0	0	0	0	2	0	1	2	0	0	1	2	1
30	1	2	0	2	1	0	0	****	3	0	2	0	1
31	0	0	1	0	2	0	0	0	2	0	2	0	1
MEAN	1	1	1	1	2	1	2	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	0	0	0	2	0	0	2	0	2	1
2	1	0	3	2	0	1	4	0	1	2	2	0	2
3	3	1	2	0	2	0	6	2	****	****	****	****	1
4							- DATA MISSING	-					
5							- DATA MISSING	-					
6							- DATA MISSING	-					
7							- DATA MISSING	-					
8							- DATA MISSING	-					
9							- DATA MISSING	-					
10	****	****	****	****	****	****	1	4	0	2	0	1	****
11	4	3	2	2	5	2	1	0	0	1	1	1	2
12	1	1	2	0	3	1	1	2	2	0	0	2	1
13	1	1	2	2	1	1	2	1	1	0	0	2	1
14	0	2	3	0	0	1	0	2	0	1	1	0	1
15	2	0	1	2	1	1	1	0	3	2	1	0	1
16	2	3	3	3	3	0	2	0	4	0	2	0	2
17	0	0	1	3	0	0	2	0	0	2	3	2	1
18	3	0	2	3	0	3	0	2	0	0	3	0	1
19	2	0	0	0	0	2	0	0	0	2	2	0	1
20	2	4	9	0	3	2	4	0	0	0	0	0	2
21	0	0	2	5	2	2	0	2		0	0	3	2
22	2	0	1	2	5	4	0	2		2	3	2	2
23	4	0	2	7	2	0	0	1		2	0	1	2
24	1	0	5	3	5	2	0	****	0	3	5	2	2
25	3	7	0	5	2	0	0	2	0	3	1	2	2
26	3	2	3	2	5	0	3	1	0	3	0	2	1
27	2	2	3	0	2	1	2	0	2	1	0	4	2
28	3	0	6	0	5	2	0	0	1	0	0	0	1
29	3	0	2	0	0	2	0	0	1	2	0	5	2
30	2	0	2	5	0	2	3	0	0	2	1	5	2
MEAN	2	1	3	2	2	1	1	1	1	2	1	2	2

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	8	6	0	2	****	****	****	****	****	****
2							- DATA MISSING	-					
3							- DATA MISSING	-					
4							- DATA MISSING	-					
5							- DATA MISSING	-					
6							- DATA MISSING	-					
7							- DATA MISSING	-					
8							- DATA MISSING	-					
9							- DATA MISSING	-					
10							- DATA MISSING	-					
11							- DATA MISSING	-					
12							- DATA MISSING	-					
13							- DATA MISSING	-					
14							- DATA MISSING	-					
15							- DATA MISSING	-					
16							- DATA MISSING	-					
17							- DATA MISSING	-					
18							- DATA MISSING	-					
19							- DATA MISSING	-					
20							- DATA MISSING	-					
21							- DATA MISSING	-					
22	****	****	****	****	****	****	****	****	8	9	4	3	****
23	4	4	2	6	5	4	1	5	2	0	0	0	3
24	5	2	0	0	2	0	5	2	1	3	0	0	2
25	0	2	0	2	4	4	6	3	2	0	0	2	2
26	4	0	2	3	2	2	3	3	3	6	4	6	3
27	4	7	8	11	6	6	3	5	4	11	3	4	6
28	2	5	6	4	4	0	0	1	4	7	12	8	4
29	5	3	6	18	7	2	1	****	2	5	2	6	5
30	9	8	10	12	8	5	2	3	4	9	5	6	7
31	0	4	4	3	7	1	4	2	0	1	0	0	2
MEAN	3	4	4	7	5	2	3	3	3	5	3	4	4

PERCENTAGE OF DATA VALID - 31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	2	7	12	2	4	2	2	2	12	5	4
2	3	1	2	6	0	2	0	0	4	3	0	0	2
3	2	2	0	2	2	2	0	0	6	3	2	1	2
4	5	0	3	0	2	2	0	0	4	0	1	2	2
5	1	3	2	6	2	2	3	5	5	12	2	4	4
6	4	2	5	3	7	2	3	0	2	2	2	2	3
7	2	1	2	2	2	0	0	2	0	2	0	3	2
8	2	0	5	5	4	5	0	2	0	8	13	14	5
9	2	5	6	6	2	5	0	0	5	5	5	5	4
10	4	0	3	2	0	5	2	3	0	2	2	2	2
11	3	4	2	3	0	3	3	3	3	6	8	3	3
12	4	5	8	7	2	4	5	4	4	2	9	9	6
13	0	9	6	4	2	0	1	0	0	2	0	3	2
14	3	0	3	1	2	0	2	3	0	2	2	2	2
15	1	1	2	9	5	5	2	2	5	3	2	3	3
16	2	0	2	1	5	2	1	1	2	3	3	0	2
17	7	5	13	7	5	5	6	3	5	2	13	7	7
18	7	3	7	9	5	7	6	1	6	3	0	3	6
19	9	0	1	2	2	3	2	2	2	2	0	2	2
20	2	2	2	0	6	3	2	1	3	3	2	3	2
21	0	2	0	3	0	0	2	0	2	2	3	2	1
22	3	3	3	10	6	4	1	3	3	2	5	2	2
23	1	2	2	4	2	4	3	8	4	2	4	3	3
24	2	4	3	4	2	7	0	0	1	5	2	4	3
25	2	7	5	6	8	2	5	2	5	3	2	1	4
26	3	2	4	4	5	3	5	7	9	5	5	2	5
27	3	1	1	0	1	0	3	0	3	0	3	0	1
28	2	0	2	3	3	2	2	2	2	1	2	1	2
29	0	3	0	5	1	3	2	2	1	1	0	2	2
30	0	3	0	5	1	3	2	2	1	1	0	2	2
MEAN	3	2	3	4	3	3	2	2	3	3	4	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	3	2	3	1	0	2	3	3	3	6	2
2	5	5	2	13	2	3	2	0	3	3	3	0	3
3	2	3	2	5	2	2	3	0	4	2	2	2	3
4	4	3	0	2	2	2	2	2	2	2	0	2	2
5	0	2	4	0	2	2	1	1	3	2	6	2	2
6	2	2	2	3	6	4	5	7	4	7	4	4	4
7	2	1	2	0	2	2	1	6	2	2	3	1	2
8	5	2	2	2	6	2	3	4	4	3	4	2	3
9	2	2	3	6	7	4	4	3	4	2	4	4	4
10	3	4	2	5	7	3	3	2	4	4	3	2	3
11	0	2	1	0	0	2	2	0	4	2	2	1	1
12	2	3	4	4	7	4	2	3	4	2	2	2	3
13	0	0	2	2	0	0	2	0	3	2	2	2	1
14	3	3	5	14	7	5	1	2	0	3	2	0	4
15	2	0	0	2	0	2	5	2	3	1	0	2	2
16	1	2	0	4	3	2	0	3	2	3	2	1	2
17	2	2	1	2	3	2	2	0	1	0	2	0	2
18	0	2	1	2	0	2	2	1	3	3	4	2	2
19	3	2	3	3	2	4	3	3	5	2	0	1	3
20	1	1	2	4	1	4	2	5	3	2	3	3	3
21	0	3	4	3	2	2	1	2	2	0	1	0	2
22	2	2	4	4	1	0	0	3	7	0	0	4	3
23	6	4	7	10	5	4	3	4	7	2	7	2	5
24	2	3	3	3	0	0	3	4	0	2	0	2	2
25	1	1	0	2	2	2	2	4	3	5	3	2	2
26	0	2	4	2	5	3	6	2	1	0	2	1	2
27	1	0	1	2	4	1	3	2	2	0	3	2	2
28	3	1	2	0	0	0	0	0	2	0	3	0	1
29	2	0	0	2	2	2	2	0	4	0	5	0	2
30	4	3	3	0	3	3	2	3	4	2	2	2	3
31	2	3	0	7	5	2	7	2	4	3	3	2	3
MEAN	2	2	2	3	3	2	2	3	3	2	3	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 24-HOURLY DATA FOR 1971

STATION - WATERLOO P U SUBSTATION

NO 26001

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	3	6	13
FEB	7	4	12	28
MAR	31	3	8	11
APR	16	3	5	11
MAY	2	1	1	3
JUN	30	2	5	6
JUL	31	1	4	8
AUG	31	1	6	7
SEP	24	2	2	9
OCT	11	4	7	18
NOV	30	3	7	14
DEC	31	2	5	14
YEAR	272	2	12	28

ONTARIO MINISTRY OF THE ENVIRONMENT AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	243	88	3	0	0	0	0	334
FEB	58	13	7	0	1	0	0	79
MAR	290	76	6	0	0	0	0	372
APR	161	20	3	0	0	0	0	184
MAY	14	0	0	0	0	0	0	14
JUN	344	14	0	0	0	0	0	358
JUL	356	13	0	0	0	0	0	369
AUG	358	8	0	0	0	0	0	366
SEP	261	16	0	0	0	0	0	277
OCT	78	35	4	1	0	0	0	118
NOV	273	77	8	0	0	0	0	358
DEC	327	37	2	0	0	0	0	366
YEAR	2763	397	13	1	1	0	0	3195

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
72	0	0.3	0.9	1.5	2.3	4.6	6.1	8.2	10.3	28	2.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	14	12	10	9	5	6	6	6	10	6	7	13	9
2	13	17	22	12	6	5	2	5	4	6	5	4	8
3	4	2	5	5	4	7	4	2	6	4	6	9	5
4	4	4	14	13	16	16	15	3	7	2	2	3	8
5	7	3	4	5	5	3	6	4	7	7	5	7	5
6	5	2	6	2	5	5	5	9	7	4	7	5	5
7	3	9	6	3	3	6	3	4	5	7	5	11	5
8	2	4	19	17	5	7	7	11	15	17	12	13	11
9	19	19	17	16	13	4	8	7	9	11	9	15	12
10	23	9	5	5	7	5	7	5	7	3	9	3	7
11	5	8	8	7	7	5	9	13	10	7	5	6	8
12	5	3	3	11	7	10	5	5	9	12	17	22	9
13	13	0	7	****	9	6	9	6	9	5	3	8	7
14	6	8	7	23	12	2	7	5	6	7	9	6	8
15	3	3	5	2	5	5	7	3	4	4	3	3	4
16	13	6	6	11	9	5	4	3	15	8	11	9	8
17	15	9	9	5	9	4	5	5	7	10	5	6	7
18	11	14	15	8	13	9	9	15	11	9	7	11	11
19	10	11	4	4	17	5	3	17	10	4	14	11	9
20	11	11	11	11	3	6	6	6	9	7	7	8	8
21	10	10	11	5	5	5	4	8	4	5	4	3	6
22	9	7	2	7	6	3	5	7	12	8	17	17	8
23	12	6	3	2	3	4	3	7	8	3	3	4	5
24	4	5	7	5	9	5	7	7	13	14	10	8	8
25	7	8	12	7	8	7	8	8	11	8	22	20	11
26	17	8	6	4	5	3	2	4	5	2	4	2	2
27	5	5	7	6	3	3	2	5	8	4	5	5	5
28	3	5	7	5	6	4	3	5	6	6	6	5	5
29	2	6	5	3	4	7	6	14	2	9	14	8	7
30	7	4	5	3	4	7	5	4	4	****	****	5	5
31	5	8	6	6	8	2	6	5	7	7	7	6	6
MEAN	9	7	8	7	7	5	6	7	8	7	8	8	7

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	5	7	5	8	7	7	7	7	6	3	5	6
2	4	5	5	7	3	4	5	7	9	14	8	9	7
3	9	10	15	15	10	3	8	12	13	11	13	14	11
4	16	14	22	10	14	10	****	17	18	12	13	16	15
5	13	15	23	14	5	4	5	4	4	2	4	4	8
6	3	4	5	3	6	6	7	7	8	8	8	12	6
7	13	11	18	25	21	20	13	15	14	12	14	11	16
8	12	9	10	13	12	14	14	12	11	5	4	7	10
9	3	2	5	5	3	6	3	4	5	7	7	5	5
10	5	9	9	4	4	5	6	6	8	10	8	7	7
11	8	7	8	13	10	9	10	9	10	8	9	4	9
12	3	6	3	8	8	7	10	11	11	16	10	13	9
13	8	8	9	9	8	10	12	9	10	7	7	4	8
14	2	2	1	2	2	2	3	2	3	2	3	9	3
15	6	11	8	10	12	8	5	0	5	5	7	6	7
16	7	5	9	11	13	12	13	8	2	5	4	5	8
17	3	5	15	15	26	21	9	8	7	7	7	5	10
18	7	5	11	17	11	11	7	7	10	9	9	15	9
19	7	12	19	17	15	6	9	9	9	7	7	4	10
20	7	8	15	19	19	13	13	5	5	7	2	3	10
21	2	3	2	0	3	2	2	2	7	4	11	17	5
22	19	15	14	7	11	8	11	5	11	7	9	11	11
23	5	3	11	5	5	3	3	5	3	6	5	5	5
24	2	5	3	4	4	3	3	3	7	7	3	6	4
25	4	7	7	11	6	5	6	3	7	15	19	18	9
26	26	28	23	23	28	25	26	23	21	17	19	19	23
27	18	2	2	2	3	2	0	3	0	3	2	2	3
28	3	3	0	3	2	3	2	2	3	1	3	2	2
MEAN	8	8	10	10	10	8	8	7	8	8	8	9	8

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	5	3	5	4	2	6	4	3	4	8	4
2	5	9	16	15	17	7	8	9	6	4	2	5	9
3	5	4	11	11	13	7	11	7	12	9	6	7	9
4	7	1	3	5	2	3	1	2	2	4	3	3	3
5	3	3	6	9	4	5	4	5	8	9	13	10	7
6	14	8	5	9	17	13	19	16	12	6	9	12	12
7	11	10	5	2	4	2	2	2	4	2	3	3	4
8	1	1	3	4	2	2	2	2	5	2	3	2	2
9	3	2	4	3	4	2	2	0	3	3	7	8	3
10	9	8	19	5	11	11	14	19	15	11	9	7	12
11	6	8	8	7	6	3	3	2	6	7	4	8	6
12	4	12	9	12	14	13	4	13	5	11	9	14	10
13	13	14	21	19	8	12	17	7	12	14	10	10	13
14	9	13	17	15	19	17	16	20	21	21	16	31	18
15	23	6	5	5	5	5	2	4	4	2	3	2	6
16	3	0	5	4	2	5	3	2	5	5	3	2	3
17	4	1	3	4	12	5	4	2	2	3	4	5	4
18	4	9	6	9	9	7	2	6	9	8	7	8	7
19	7	8	12	12	18	14	15	13	21	4	7	5	11
20	4	7	6	7	6	7	5	4	1	4	1	2	5
21	4	2	2	3	2	2	2	2	2	3	6	7	3
22	4	3	2	4	6	3	2	4	5	3	6	4	4
23	7	7	8	4	7	2	2	4	2	3	1	4	4
24	2	2	3	5	4	2	3	2	1	3	3	3	3
25	2	2	4	3	4	2	2	3	4	2	7	5	3
26	11	9	10	17	10	9	7	9	10	7	6	6	9
27	11	13	13	23	2	5	5	6	7	9	8	9	9
28	10	11	11	10	9	5	11	11	12	10	10	6	9
29	5	7	2	5	3	1	2	3	3	1	0	3	3
30	1	1	2	4	4	4	2	2	2	5	5	7	3
31	9	10	7	11	3	4	1	2	5	4	11	16	7
MEAN	7	6	8	8	7	6	6	6	7	6	6	7	7

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	22	17	21	16	18	25	23	29	31	16	3	2	19
2	4	3	5	6	4	2	4	2	1	4	4	0	3
3	5	1	1	3	3	3	2	2	4	1	2	2	3
4	4	7	2	2	3	1	2	1	1	2	6	12	8
5	8	7	9	13	9	5	14	8	10	7	6	12	8
6	13	7	11	15	11	9	4	9	13	20	13	21	13
7	14	17	14	6	8	8	4	2	3	3	1	2	7
8	4	5	3	2	9	3	2	1	0	2	7	10	4
9	12	7	3	4	4	3	2	2	3	2	0	1	4
10	3	2	2	1	1	2	1	1	2	2	7	2	2
11	3	7	3	3	2	1	3	3	4	2	4	6	3
12	16	15	17	10	4	5	3	4	7	7	4	6	8
13	6	11	9	8	7	5	4	3	3	3	3	0	5
14	2	3	3	2	5	2	1	1	2	1	2	3	2
15	5	6	5	3	2	3	3	2	3	3	7	6	4
16	8	4	3	1	1	2	4	2	5	7	3	9	4
17	13	19	3	2	11	5	6	9	11	11	9	10	9
18	6	5	6	7	3	2	6	7	3	6	7	11	9
19	13	16	21	14	8	3	4	3	6	7	7	11	9
20	13	15	18	14	13	8	10	16	19	12	3	2	12
21	1	2	3	2	2	1	2	1	2	1	1	4	2
22	5	3	3	4	2	2	1	1	3	2	2	0	2
23	0	2	3	2	3	3	2	1	3	5	2	3	2
24	2	2	2	2	2	2	3	2	2	0	0	2	2
25	1	3	1	2	2	2	1	3	2	2	1	5	2
26	2	3	3	4	4	4	3	3	5	2	5	3	3
27	5	0	6	2	10	5	9	13	2	15	0	7	6
28	17	11	9	18	13	13	12	11	15	13	3	3	12
29	0	3	3	5	7	3	0	3	2	3	2	3	3
30	1	5	2	2	3	5	2	6	2	3	5	8	4
MEAN	7	7	6	6	6	5	5	5	6	5	4	5	6

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH MAY 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	9	7	9	5	5	3	0	2	3	7	6	5
2	15	5	3	2	3	2	0	2	2	0	7	3	4
3	2	5	4	9	9	5	3	5	5	5	1	4	5
4	2	3	5	3	5	2	4	2	3	0	9	3	3
5	2	15	2	9	5	4	7	9	16	13	19	19	9
6	19	15	7	11	5	6	*****	*****	*****	*****	*****	*****	*****
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14	*****	*****	*****	*****	*****	*****	2	0	2	2	3	6	*****
15	2	4	5	5	5	2	3	5	1	5	3	4	4
16	3	4	3	2	3	3	2	3	2	1	2	2	3
17	5	2	2	2	3	2	2	2	4	3	3	2	3
18	2	4	4	3	3	4	2	2	2	1	3	4	3
19	4	5	6	4	3	3	2	2	4	5	5	2	4
20	3	0	2	1	2	1	2	3	1	1	0	2	2
21	5	6	6	4	5	5	2	2	2	2	1	1	3
22	1	1	1	0	1	1	0	0	0	1	4	2	1
23	5	2	3	2	5	5	8	4	5	8	6	6	5
24	5	9	2	3	10	4	3	8	8	10	3	5	6
25	5	6	12	2	3	0	2	2	2	10	1	0	3
26	3	0	4	1	2	5	2	2	2	2	3	2	2
27	1	2	4	4	2	2	6	3	3	4	10	9	4
28	8	5	5	4	4	3	3	2	2	0	1	0	3
29	0	1	0	1	0	1	1	0	1	2	8	7	2
30	9	11	10	5	5	6	2	3	4	3	2	5	5
31	3	0	2	2	2	3	9	2	3	2	1	0	2
MEAN	5	5	4	4	4	3	3	3	3	3	4	4	4

PERCENTAGE OF DATA VALID - 74

ONTARIO MINISTRY OF THE ENVIRONMENT AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH JUN 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	2	7	13	8	11	7	8	12	9	4	7
2	6	3	4	5	7	7	11	14	23	14	10	9	9
3	4	2	3	2	1	2	3	1	4	3	2	3	3
4	2	3	2	6	3	0	3	2	0	2	5	6	3
5	2	3	5	5	6	1	8	2	9	1	8	7	5
6	6	5	1	3	10	5	11	4	2	2	1	2	4
7	2	2	0	0	0	0	0	2	2	2	2	0	1
8	2	0	2	2	2	0	2	0	2	2	2	2	2
9	2	0	2	1	0	3	0	5	0	2	0	4	2
10	4	2	0	4	3	4	7	6	4	8	2	3	4
11	2	3	5	10	9	9	11	4	10	9	7	7	7
12	8	4	5	6	8	5	2	3	2	4	4	2	4
13	3	0	2	3	3	6	5	4	4	2	2	7	3
14	7	7	9	6	4	4	*****	*****	*****	*****	*****	*****	*****
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30	*****	*****	*****	*****	*****	*****	2	2	1	3	0	2	*****
MEAN	4	3	3	4	5	4	5	4	5	5	4	4	4

PERCENTAGE OF DATA VALID - 46

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX													
UNITS - COHS/1000FEET X 10													
STATION - HUGHSON/MAIN HAMILTON													
NO 29001													
MONTH JUL 71													
2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	2	3	2	3	0	2	0	0	0	0	1	
2	0	0	0	4	2	0	2	0	3	3	0	1	
3	5	2	0	2	4	6	2	0	3	2	2	3	
4	7	4	3	3	6	9	0	2	2	2	2	4	
5	2	3	0	4	2	5	3	1	4	2	0	3	
6	5	2	0	2	0	2	0	3	0	7	3	2	
7	2	4	0	7	0	3	2	0	4	1	6	2	
8	4	10	8	7	4	1	5	2	5	6	2	5	
9	2	1	2	4	1	3	0	0	4	1	2	2	
10	2	2	1	0	2	1	3	4	0	3	3	2	
11	1	3	1	2	6	2	2	1	4	2	0	2	
12	2	2	4	3	3	3	5	7	2	2	3	3	
13	4	0	2	4	2	0	2	0	2	3	2	2	
14	0	0	0	0	2	0	2	1	0	1	0	1	
15	3	2	3	2	4	2	1	4	3	2	4	3	
16	4	2	2	3	2	2	2	2	0	0	2	2	
17	1	1	2	0	1	0	2	2	1	0	3	1	
18	1	2	1	2	0	2	0	1	1	2	0	1	
19	0	5	0	5	6	2	8	4	1	1	0	3	
20	1	0	3	1	3	0	3	0	2	3	8	2	
21	9	3	4	5	4	2	3	3	2	2	1	3	
22	5	5	7	3	5	6	3	5	4	5	2	4	
23	2	5	5	7	3	2	4	3	0	7	2	4	
24	5	3	6	4	3	3	1	0	2	5	1	3	
25	7	5	3	0	0	0	2	0	0	2	2	2	
26	0	3	0	2	3	2	3	0	3	2	0	2	
27	3	2	4	2	0	3	2	2	2	5	1	2	
28	0	2	0	3	3	5	2	3	0	2	2	2	
29	5	1	2	3	2	4	1	3	5	0	5	3	
30	3	1	5	8	9	4	5	8	3	5	3	5	
31	1	0	2	3	0	0	0	2	2	1	4	1	
MEAN	3	2	2	3	3	2	2	3	2	3	2	2	
PERCENTAGE OF DATA VALID - 98													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX													
UNITS - COHS/1000FEET X 10													
STATION - HUGHSON/MAIN HAMILTON													
NO 29001													
MONTH AUG 71													
2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	2	0	3	2	4	2	3	3	4	2	
2	6	2	2	2	2	3	3	2	5	2	0	3	
3	3	0	3	4	2	2	2	0	4	0	4	2	
4	4	2	3	4	2	2	1	2	1	0	2	2	
5	2	2	4	2	0	2	2	2	2	2	3	2	
6	0	2	3	2	1	3	0	3	0	3	2	2	
7	2	5	3	2	2	2	0	2	3	2	0	2	
8	0	2	0	0	0	3	0	2	1	0	3	1	
9	2	2	3	3	2	2	0	3	3	2	2	2	
10	2	4	4	5	3	2	2	0	2	0	2	2	
11	3	0	3	2	1	5	0	1	0	2	0	2	
12	0	0	1	2	0	0	1	2	0	2	2	1	
13	0	0	2	2	3	0	4	1	3	1	3	2	
14	3	2	7	3	3	5	1	2	2	3	0	3	
15	4	12	7	0	0	2	0	5	0	3	0	3	
16	4	2	2	5	2	2	5	2	9	3	7	4	
17	0	7	2	7	2	3	0	3	5	0	2	3	
18	3	0	3	3	5	7	9	7	7	10	3	5	
19	3	2	8	3	5	2	3	3	5	0	0	1	
20	3	2	2	5	3	2	0	0	7	2	5	3	
21	3	2	2	2	0	2	0	0	2	4	3	2	
22	2	3	0	2	6	5	0	5	4	0	3	3	
23	2	7	2	0	2	1	2	0	3	2	2	2	
24	3	2	5	3	0	2	1	4	0	2	2	2	
25	3	2	6	2	3	0	2	2	3	7	5	4	
26	6	8	5	7	4	5	10	8	11	11	11	8	
27	3	3	5	8	12	13	9	11	3	5	3	8	
28	2	2	2	0	4	3	2	0	5	0	0	2	
29	5	2	3	0	0	2	0	0	2	3	0	1	
30	2	2	5	2	2	5	2	5	2	2	2	3	
31	1	5	3	5	3	3	8	7	2	3	2	4	
MEAN	3	3	3	3	2	3	3	3	3	3	3	3	
PERCENTAGE OF DATA VALID - 99													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	9	5	7	9	****	3	7	2	4	3	1	5
2	3	3	4	6	13	23	15	16	18	3	4	2	9
3	4	3	5	2	4	1	5	2	2	2	3	2	3
4	5	2	2	5	3	0	2	0	0	2	0	2	2
5	0	4	2	3	2	0	3	0	2	2	0	0	2
6	0	3	2	3	5	0	2	2	2	1	0	0	2
7	3	0	2	2	2	0	0	0	2	2	5	0	2
8	6	3	0	2	2	2	3	0	2	3	2	3	2
9	0	1	2	5	****	2	4	7	2	1	2	3	3
10	2	3	3	6	2	5	5	3	6	3	2	5	4
11	4	2	3	6	3	2	0	2	2	0	0	3	2
12	0	1	0	2	0	2	2	5	5	2	2	2	2
13	2	1	1	3	4	0	1	2	4	0	1	7	2
14	4	0	0	5	5	2	5	2	2	7	3	2	3
15	2	2	1	1	2	2	2	2	2	2	2	1	2
16	5	0	0	6	7	4	4	4	2	5	2	6	4
17	4	4	1	0	2	2	0	3	2	2	3	3	2
18	4	2	1	3	2	4	2	0	1	2	0	2	2
19	2	2	0	1	1	2	1	1	0	1	4	2	2
20	4	4	3	4	4	2	1	2	1	2	0	2	2
21	0	0	2	4	0	1	2	2	2	2	2	1	2
22	1	4	2	6	8	1	****	6	3	3	3	2	4
23	4	5	2	11	9	0	3	2	0	3	0	3	4
24	6	0	0	4	0	2	2	2	0	4	2	4	2
25	2	2	5	3	0	0	0	0	2	0	2	2	2
26	5	0	1	3	0	5	2	2	2	2	0	3	2
27	2	0	3	3	4	3	7	3	7	3	6	3	4
28	9	2	4	5	5	5	7	11	6	13	5	2	6
29	2	2	0	0	3	0	3	2	0	0	0	2	1
30	4	2	7	4	****	1	7	6	2	2	3	3	4
MEAN	3	2	2	4	4	3	3	3	3	3	2	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	9	12	7	3	3	4	5	3	4	4	5
2	4	5	3	2	0	2	2	4	2	2	4	3	3
3	5	2	3	2	2	2	2	3	3	1	4	4	3
4	0	3	2	0	2	0	2	****	0	2	1	3	1
5	2	1	2	2	2	3	3	2	2	2	2	1	2
6	2	0	2	4	2	0	2	2	2	3	2	0	2
7	3	3	2	2	1	0	3	0	1	0	4	5	2
8	3	6	5	2	2	0	5	3	4	2	5	5	3
9	1	2	0	0	5	0	0	0	2	0	1	2	1
10	3	3	0	0	3	0	2	2	2	2	3	3	2
11	4	2	2	1	0	2	0	2	3	5	1	2	2
12	2	1	3	2	0	0	0	2	6	9	12	4	4
13	13	13	16	14	12	11	****	6	5	6	5	5	10
14	6	4	6	4	2	1	3	2	2	3	2	2	3
15	4	4	2	5	5	2	2	1	4	4	5	4	4
16	9	9	6	10	4	4	8	8	5	6	3	2	6
17	4	2	2	1	2	3	4	2	0	3	3	3	2
18	3	3	4	4	5	6	5	2	10	3	4	4	4
19	4	5	5	3	7	****	****	****	****	****	****	****	****
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	4	4	4	4	3	2	3	3	3	3	3	4	3

PERCENTAGE OF DATA VALID - 58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH NOV 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	****	****	****	****	****	2	2	3	9	0	7	7	****
2	11	6	7	6	2	3	2	0	4	0	2	3	4
3	3	3	2	2	6	3	2	4	3	3	3	4	3
4	4	3	2	7	0	3	1	2	3	2	4	4	3
5	6	2	0	10	9	3	4	2	4	9	5	2	5
6	2	4	3	5	2	4	2	5	2	3	2	0	3
7	4	2	2	0	2	0	2	1	0	2	3	1	2
8	0	5	4	7	7	7	7	4	5	7	8	7	6
9	10	14	15	11	8	5	4	6	7	9	6	5	8
10	2	7	2	4	2	5	1	3	2	1	4	3	3
11	7	4	3	6	11	8	6	2	4	4	8	9	6
12	7	7	10	10	10	2	10	2	9	13	13	12	9
13	21	12	12	10	7	9	6	6	5	4	5	2	8
14	4	0	3	7	3	4	4	5	5	5	4	5	4
15							- DATA MISSING	-					
16	****	****	****	****	10	4	- DATA MISSING	-					
17	19	15	21	21	26	16	4	4	8	7	18	18	9
18	5	3	4	4	2	4	3	3	11	4	2	2	12
19	1	4	2	2	4	2	3	3	1	4	2	3	3
20							2	0	5	2	5	4	3
21	3	0	2	2	3	6	3	1	3	2	1	1	2
22	2	2	2	4	4	7	2	1	5	2	5	5	3
23	4	3	7	9	11	2	2	2	0	2	3	2	4
24	2	2	2	4	5	8	6	7	9	3	5	6	5
25	4	5	6	5	8	7	5	****	9	1	4	3	5
26	5	3	4	8	7	4	7	4	8	0	3	3	5
27	2	7	5	5	3	3	2	3	4	6	3	4	4
28	3	2	4	6	3	2	3	4	5	4	3	4	3
29	1	5	3	5	2	3	3	7	7	7	4	3	4
30	7	2	3	9	2	7	2	3	7	7	2	5	5
MEAN	5	5	5	7	6	5	4	3	5	4	5	5	5

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH DEC 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	2	5	6	4	4	3	5	3	3	5	4
2	5	5	3	5	9	2	5	3	3	2	2	2	4
3	2	2	4	4	5	2	4	6	4	3	3	2	3
4	2	2	3	4	4	6	3	4	2	0	3	2	3
5	1	3	2	2	2	9	7	7	3	7	7	12	5
6	7	5	8	7	2	3	3	4	7	6	4	7	5
7	4	4	5	8	12	7	5	4	5	6	9	9	7
8	3	7	7	7	****	5	7	7	4	4	4	7	6
9	7	5	1	7	7	4	2	5	5	4	9	7	5
10	5	4	3	12	11	14	13	18	18	4	0	1	9
11	3	2	0	2	3	2	2	0	4	3	2	3	2
12	5	2	8	7	6	7	5	4	5	3	3	3	5
13	2	2	2	3	4	5	2	7	3	2	5	2	3
14	4	5	6	8	9	5	8	5	8	6	8	3	6
15	1	5	5	3	3	7	7	9	3	2	2	0	4
16	2	1	2	3	****	****	2	9	3	3	2	3	3
17	2	3	0	5	8	5	9	2	3	0	2	7	4
18	2	1	2	0	3	2	1	3	4	3	3	5	2
19	5	2	2	5	3	7	5	7	7	5	7	1	5
20	2	2	4	2	3	3	5	3	5	5	6	3	4
21	7	0	3	7	5	3	3	7	7	2	2	2	4
22	0	0	0	2	****	5	5	7	3	7	7	2	3
23	11	5	7	14	26	20	5	3	6	6	6	2	9
24	5	2	2	2	2	5	2	3	2	1	3	2	3
25	3	1	3	3	6	2	5	2	6	2	5	8	4
26	11	17	9	3	2	2	1	5	3	2	2	3	5
27	2	5	1	2	5	9	3	7	2	4	7	2	4
28	2	1	1	3	4	2	3	3	5	2	3	4	3
29	3	1	3	2	2	0	5	2	5	4	3	5	3
30	7	2	5	7	****	7	7	11	11	7	5	5	7
31	3	3	3	5	3	5	3	8	3	2	5	15	5
MEAN	4	4	3	5	6	5	5	5	5	4	4	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - HUGHSON/MAIN HAMILTON

NO 29001

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	7	12	23
FEB	28	8	23	28
MAR	31	7	18	31
APR	30	6	19	31
MAY	24	4	9	19
JUN	15	4	9	23
JUL	31	2	5	10
AUG	31	1	8	13
SEP	30	1	9	23
OCT	19	1	10	16
NOV	28	1	12	26
DEC	31	4	9	26
YEAR	329	1	23	31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	91	207	49	17	5	0	0	369
FEB	92	146	63	19	15	0	0	335
MAR	164	133	48	18	6	1	0	370
APR	212	89	34	15	7	1	0	358
MAY	189	77	6	4	0	0	0	276
JUN	110	49	8	0	1	0	0	168
JUL	311	57	0	0	0	0	0	368
AUG	301	60	8	0	0	0	0	369
SEP	292	56	5	2	1	0	0	356
OCT	170	40	8	1	0	0	0	219
NOV	198	107	13	4	4	0	0	326
DEC	211	139	12	4	1	0	0	367
YEAR	2341	1160	254	84	40	2	0	3881

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88	0	0.7	1.7	2.9	4.9	9.9	13.0	17.3	20.2	31	4.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH JAN 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	3	2	8	4	2	2	4	6	3	7	4
2	4	6	4	2	5	5	3	1	0	1	3	4	3
3	1	3	3	1	1	2	1	2	2	2	1	1	2
4	1	2	2	2	5	8	9	3	4	3	3	2	4
5	0	1	1	5	3	2	4	1	6	4	3	0	3
6	1	4	3	2	6	0	2	3	8	2	1	2	3
7	2	1	2	6	3	2	2	4	6	3	2	1	3
8	1	2	2	4	4	5	2	4	4	6	7	4	5
9	9	4	6	7	4	6	3	3	4	5	6	7	4
10	8	6	3	4	2	4	3	1	4	1	2	5	4
11	2	0	2	6	6	1	2	6	5	3	5	4	4
12	2	1	2	0	6	2	5	2	3	9	6	8	4
13	7	7	3	3	4	****	****	****	****	****	****	1	****
14	1	5	0	3	3	7	7	7	0	3	6	5	4
15	2	2	2	5	2	2	2	0	2	0	2	2	2
16	2	0	0	1	0	3	6	2	3	2	3	3	2
17	2	6	13	3	5	3	3	5	4	2	6	2	5
18	3	3	2	1	3	3	3	3	7	12	3	3	4
19	2	3	2	7	5	3	3	2	7	5	3	3	4
20	3	2	6	8	5	0	2	3	3	3	2	3	3
21	2	4	2	2	4	3	2	2	3	4	0	2	3
22	2	2	2	4	3	2	3	3	7	3	3	10	4
23	7	5	2	2	3	1	0	2	1	1	1	1	2
24	1	2	1	2	1	0	3	4	10	3	5	4	3
25	2	3	4	5	2	4	3	3	7	3	4	7	4
26	8	4	3	6	6	2	2	4	8	5	5	1	5
27	2	3	0	3	1	2	1	1	3	4	0	0	2
28	0	0	2	1	1	2	1	4	4	1	2	3	3
29	2	1	0	2	5	2	3	3	3	0	0	3	2
30	1	0	2	0	1	0	1	2	0	2	2	4	1
31	3	0	2	3	5	5	4	3	2	2	3	4	3
MEAN	3	3	3	3	4	3	3	3	4	3	3	4	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH FEB 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	1	0	1	2	2	0	1	1	3	0	2	1
2	0	1	2	0	2	0	4	3	4	3	3	3	2
3	4	2	9	11	12	10	3	5	4	3	2	7	6
4	7	5	8	3	2	0	2	0	2	3	0	1	3
5	0	5	2	6	4	2	1	3	4	2	3	0	2
6	4	5	1	4	4	1	4	5	4	2	2	5	3
7	6	0	3	5	10	4	0	0	3	3	2	3	3
8	2	9	3	7	6	5	3	2	5	2	3	5	4
9	0	2	3	6	3	2	0	2	0	0	2	1	2
10	1	3	0	2	3	8	1	4	7	2	7	4	4
11	3	3	5	6	8	4	7	4	7	8	2	2	5
12	1	3	3	5	1	0	9	2	7	5	2	4	4
13	1	3	1	3	0	6	2	2	5	3	3	3	3
14	3	0	0	2	2	2	0	2	0	1	2	0	1
15	2	3	0	8	4	4	2	2	1	3	4	2	3
16	7	6	2	2	8	3	2	4	2	4	6	2	4
17	2	2	4	2	10	3	7	1	2	3	4	7	4
18	4	3	3	4	6	5	4	4	6	11	8	9	6
19	5	10	2	0	5	2	2	0	5	2	0	0	3
20	1	1	4	7	6	0	3	0	0	0	2	1	2
21	2	4	6	3	5	1	1	4	1	3	0	2	3
22	2	3	0	0	1	****	****	****	****	****	****	****	****
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
MEAN	3	3	3	4	5	3	3	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3	0	2	0	0	3	2	0	2	0	0	3	2	1
4	2	1	0	0	0	2	0	0	5	2	2	3	1
5	3	2	3	3	5	5	2	2	5	3	7	12	4
6	2	3	2	3	1	0	2	0	0	2	0	0	2
7	0	2	0	0	2	0	3	0	3	0	2	0	1
8	0	2	3	7	2	2	0	2	1	3	2	2	2
9	2	0	0	0	2	0	3	0	2	3	3	2	1
10	0	5	5	4	7	3	2	7	3	0	5	3	4
11	5	5	5	5	0	2	0	5	2	2	4	3	3
12	2	2	0	7	16	0	7	2	3	0	0	3	4
13	5	2	0	4	5	4	2	7	5	5	6	4	4
14	3	5	2	2	0	5	5	2	2	2	3	10	2
15	2	2	2	4	4	0	0	4	2	0	0	0	1
16	3	0	0	0	0	0	2	1	2	0	0	7	3
17	1	0	4	3	3	2	0	5	3	5	2	6	3
18	5	3	4	3	3	2	0	11	0	2	1	3	3
19	5	0	2	2	4	3	1	2	3	1	7	0	3
20	0	2	2	7									
21	1	3	1	5	2	0	3	1	2	5	2	0	2
22	0	2	3	2	0	0	1	0	2	4	1	0	1
23	0	1	4	0	2	0	2	2	0	1	5	5	2
24	3	3	0	3	2	****	****	****	****	****	****	****	****
25													
26													
27													
28													
29													
30													
31													
MEAN	2	2	2	3	3	2	2	3	2	2	3	3	2

PERCENTAGE OF DATA VALID - 69

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6	****	****	****	****	****	****	3	4	0	2	3	8	****
7	4	4	8	11	4	0	4	2	2	0	3	5	4
8	4	7	5	8	2	8	2	3	4	5	6	11	5
9	5	4	2	4	5	2	2	1	0	1	2	1	2
10	3	0	4	3	2	2	0	2	2	1	0	4	2
11	3	3	5	4	3	3	3	6	5	5	5	4	4
12	7	6	9	7	4	2	2	0	2	1	2	0	4
13	2	0	0	2	1	2	0	2	2	0	2	2	1
14	4	5	2	1	0	1	2	1	2	2	10	3	3
15	4	1	4	2	1	6	0	2	1	3	2	3	2
16	3	4	1	2	1	2	2	1	0	0	0	0	1
17	2	0	3	2	0	0	1	1	0	2	2	1	2
18	2	2	2	3	3	****	4	2	1	2	3	2	2
19	1	3	3	2	4	0	3	2	0	1	3	2	2
20	0	1	1	0	1	2	1	0	2	1	2	2	1
21	0	1	1	2	2	2	0	3	0	2	2	0	1
22	2	0	1	1	0	1	1	0	0	1	1	0	1
23	2	0	2	1	0	0	2	0	0	1	3	3	2
24	3	3	2	2	5	2	3	0	0	0	2	3	2
25	2	2	8	1	2	0	0	0	2	1	2	1	2
26	0	0	2	2	1	1	2	2	0	3	0	1	1
27	0	0	2	3	0	0	2	2	3	2	3	3	3
28	0	3	3	3	5	0	2	1	2	1	4	5	3
29	2	2	5	5	4	3	0	0	2	4	4	0	3
30	5	5	4	2	5	0	1	1	2				
31	1	2	2	5	1	1	1	2	0	2	0	2	2
MEAN	2	2	3	3	2	2	2	2	1	2	3	3	2

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH JUN 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	4	3	2	2	3	4	1	2	2	2	3
2	3	2	3	2	4	5	2	6	4	4	2	4	3
3	2	2	1	2	2	4	1	1	0	2	2	2	2
4	0	2	3	2	3	2	1	1	1	2	3	3	2
5	2	2	2	2	2	3	2	2	0	1	2	3	2
6	3	3	2	3	1	3	4	6	2	1	0	3	3
7	0	3	1	0	2	0	2	2	2	1	2	0	1
8	2	1	4	3	2	••••	0	3	2	0	0	0	2
9	2	2	4	0	2	2	2	3	2	0	2	2	2
10	0	3	2	8	2	2	7	4	0	2	0	6	3
11	0	4	3	3	6	5	10	5	4	0	2	5	4
12	2	2	1	6	4	7	3	3	0	3	0	0	3
13	2	3	3	0	2	0	3	0	3	3	3	2	2
14	3	2	4	4	2	6	5	3	2	2	3	3	3
15	0	3	3	5	5	2	3	0	2	5	2	4	3
16	1	2	2	5	5	••••	0	2	0	2	2	3	2
17	3	3	3	2	2	2	0	1	2	2	2	3	2
18	2	0	3	3	5	2	4	0	5	1	3	3	3
19	2	4	5	2	8	3	2	3	8	3	2	2	4
20	3	2	3	0	1	1	0	2	1	0	2	1	1
21	0	3	0	0	2	0	2	0	0	0	2	2	1
22	2	4	0	2	••••	0	2	2	0	0	3	2	2
23	0	2	4	3	5	5	1	3	0	3	0	4	3
24	0	3	0	2	2	0	2	0	1	1	0	3	1
25	3	0	3	0	2	5	2	5	5	5	0	2	3
26	3	2	0	0	2	3	0	5	3	0	4	3	2
27	2	4	0	5	4	7	2	4	4	2	2	3	3
28	0	3	2	0	2	4	2	0	2	2	3	0	2
29	3	2	1	2	2	3	0	2	3	3	0	3	2
30	2	2	1	2	2	3	0	2	3	3	0	3	2
MEAN	2	2	2	2	3	3	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH JUL 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	5	0	3	0	0	2	0	2	0	2	1
2	0	1	0	2	0	3	2	2	0	0	0	0	1
3	0	0	2	3	2	0	2	3	3	0	2	5	2
4	3	2	2	2	0	3	2	0	2	2	2	0	2
5	3	0	3	2	1	3	2	0	2	2	2	0	2
6	1	0	0	3	1	0	0	0	2	2	2	2	1
7	0	4	1	0	2	0	2	••••	2	3	0	2	2
8	2	2	0	2	2	0	5	2	2	0	2	3	2
9	0	4	1	0	2	0	2	2	2	3	0	2	2
10	1	2	2	0	5	0	0	3	3	1	2	0	2
11	3	0	2	0	3	2	3	0	3	0	0	2	2
12	3	0	5	0	0	0	2	1	0	3	2	2	2
13	3	0	2	0	2	2	2	2	0	2	0	2	1
14	0	3	0	••••	••••	3	0	2	0	1	0	2	1
15	0	3	2	2	2	0	0	0	2	0	3	0	1
16	2	0	2	2	1	0	3	0	2	0	3	1	1
17	1	2	2	2	0	0	0	0	0	0	0	0	1
18	2	0	2	0	0	2	0	0	3	0	2	2	1
19	0	3	0	5	3	0	2	2	3	0	3	0	4
20	0	3	0	3	3	2	0	0	0	2	2	0	1
21	4	0	0	3	••••	0	0	2	0	1	0	0	1
22	2	2	0	0	3	2	2	0	2	0	1	2	2
23	1	3	1	3	2	3	2	2	0	0	3	0	2
24	0	3	2	0	2	0	0	0	4	0	5	0	1
25	1	0	0	0	2	0	2	0	1	0	2	0	1
26	2	2	0	0	2	0	0	3	2	0	0	3	1
27	0	2	0	0	3	0	0	0	0	0	2	2	1
28	0	1	0	2	0	0	2	0	3	0	2	0	1
29	1	0	2	0	2	2	2	2	0	0	1	5	1
30	2	0	3	3	1	5	2	2	2	0	5	2	2
31	2	2	0	2	0	3	0	2	0	2	0	0	1
MEAN	1	1	1	1	2	1	1	1	1	1	2	1	1

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	0	0	0	0	2	0	2	2	3	1
2	2	3	2	2	0	1	2	0	0	0	2	1	1
3	0	2	0	0	6	2	0	0	0	0	0	0	1
4	1	0	0	2	1	5	1	0	2	0	2	1	1
5	0	2	3	0	2	0	****	3	2	0	9	3	2
6	3	3	0	1	0	3	2	0	0	2	2	0	1
7	7	0	3	0	2	0	0	0	3	0	0	3	2
8	2	0	0	2	0	0	2	0	0	0	3	0	1
9	5	0	0	3	0	0	3	0	2	1	0	3	1
10	0	0	2	0	6	2	0	0	3	0	2	0	1
11	0	0	2	2	2	2	0	1	0	0	0	0	1
12	0	1	0	0	2	0	0	0	2	0	1	0	1
13	0	3	2	2	0	0	0	3	0	1	2	0	1
14	0	2	2	3	0	2	0	2	2	3	3	0	2
15	5	3	0	2	0	2	0	0	0	0	2	2	1
16	2	0	3	3	0	3	0	1	0	2	1	0	1
17	2	3	2	2	2	2	0	3	2	5	0	3	2
18	0	2	5	2	5	0	2	2	2	2	1	3	2
19	0	0	2	2	3	2	0	0	3	2	3	0	1
20	3	0	3	0	2	3	2	2	0	2	0	4	2
21	0	2	1	0	2	0	2	0	0	2	2	****	1
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	2	1	2	1	2	1	1	1	1	1	2	1	1

PERCENTAGE OF DATA VALID - 67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	0	3	2	2	3	0	0	3	0	3	3	2
2	5	0	2	4	3	9	4	11	2	0	4	3	4
3	2	2	3	5	3	2	0	3	2	2	2	2	2
4	3	0	2	4	2	4	2	0	2	0	0	0	2
5	1	0	1	0	0	1	0	1	2	0	2	1	1
6	1	4	2	3	0	2	2	0	2	3	2	2	2
7	0	0	2	0	2	0	0	2	0	2	0	2	1
8	2	0	3	2	5	0	2	3	0	2	0	6	2
9	0	3	2	3	****	2	1	2	0	2	3	2	3
10	2	3	8	7	2	2	2	3	2	3	3	3	
11	2	2	2	1	2	1	0	0	1	2	0	1	1
12	0	3	0	2	2	2	1	0	2	3	4	6	2
13	2	2	3	3	5	2	3	****	0	3	1	0	2
14	2	0	3	3	2	2	2	2	2	5	0	3	2
15	0	0	2	2	0	2	2	1	2	0	0	2	1
16	0	2	2	3	4	2	3	0	2	2	2	4	2
17	2	4	6	6	2	2	2	2	1	1	3	4	3
18	4	0	0	2	0	2	0	1	2	2	2	4	2
19	2	3	2	4	2	2	2	3	4	1	3	2	3
20	4	2	3	4	0	2	0	0	0	2	0	2	2
21	1	2	2	3	1	2	0	2	0	2	3	2	2
22	3	2	5	9	5	3	****	2	0	0	1	3	1
23	5	0	0	6	2	1	3	2	4	0	4	2	2
24	2	0	0	3	2	1	0	1	0	3	2	4	2
25	2	3	3	4	2	2	0	3	0	1	0	0	2
26	2	2	3	3	3	0	0	2	1	2	1	6	2
27	5	3	6	3	3	0	****	2	1	1	2	4	3
28	2	2	2	3	6	4	7	5	6	7	4	3	4
29	2	4	0	1	2	2	3	0	2	0	0	2	2
30	3	1	4	4	2	2	2	3	1	0	1	3	2
MEAN	2	2	2	3	2	2	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH OCT 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	3	6	5	2	2	0	0	2	1	3	3
2	2	1	0	2	2	2	1	2	0	3	4	5	2
3	2	3	0	2	3	1	2	2	2	2	2	2	2
4	3	2	2	2	0	4	***	2	3	1	0	1	2
5	2	2	1	4	0	3	4	2	0	3	0	4	2
6	1	2	3	2	0	0	0	2	0	2	2	2	1
7	3	1	2	5	2	1	3	4	2	0	2	3	2
8	3	4	7	6	2	1	2	4	2	3	5	2	3
9	7	4	5	3	3	2	3	1	0	2	0	2	3
10	2	2	2	2	3	4	0	2	0	2	3	1	2
11	2	3	1	2	1	2	0	2	0	2	0	1	1
12	1	2	0	3	0	1	2	2	3	2	5	0	2
13	3	2	6	9	7	8	***	2	6	3	5	5	5
14	1	4	5	6	2	0	3	2	1	3	4	2	3
15	2	2	5	4	1	4	2	3	2	2	5	4	3
16	4	5	5	9	5	2	2	2	5	4	1	2	4
17	5	2	3	2	3	2	0	4	4	0	0	4	2
18	2	3	2	4	2	1	3	2	5	3	2	2	3
19	2	2	1	4	***	2	4	3	1	5	2	5	3
20	0	8	7	6	2	2	2	3	2	2	6	5	4
21	4	5	7	12	8	9	5	2	5	3	3	2	5
22	4	4	4	5	4	3	5	2	3	3	2	2	3
23	2	4	1	2	2	4	3	2	1	2	2	1	3
24	3	1	2	1	3	2	0	0	0	0	0	0	1
25	3	0	3	4	5	0	0	3	4	2	2	0	3
26	1	3	0	3	3	4	2	3	0	2	2	2	2
27	3	1	2	4	1	***	0	2	5	4	4	1	2
28	0	2	2	2	1	4	3	0	2	2	2	1	2
29	4	2	6	6	3	2	2	1	2	2	3	2	3
30	3	2	4	7	6	4	3	0	3	8	2	3	4
31	2	0	2	3	4	2	2	1	3	2	0	2	2
MEAN	3	3	3	4	3	3	2	2	2	3	2	2	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH NOV 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	3	3	0	2	1	3	1	3	3	2
2	2	2	3	3	0	2	2	2	1	2	2	1	2
3	0	0	2	0	2	2	2	3	3	0	4	2	2
4	3	2	0	3	2	2	0	2	2	2	7	2	2
5	2	5	0	10	2	3	0	4	1	5	2	4	3
6	2	0	3	2	3	2	1	0	2	2	0	2	2
7	2	0	2	0	3	0	1	2	3	3	3	0	2
8	2	0	3	2	3	1	2	3	3	6	5	3	3
9	3	7	1	4	0	3	3	3	3	6	2	3	3
10	3	2	2	0	3	0	2	2	3	2	2	0	2
11	1	0	2	3	2	0	2	2	2	3	3	3	2
12	3	2	5	6	4	5	1	3	5	3	6	3	4
13	7	9	2	9	3	1	2	0	2	2	0	2	3
14	2	1	1	1	0	1	3	0	1	3	1	2	1
15	3	3	2	4	5	5	3	3	7	5	1	2	4
16	0	0	1	4	0	3	2	4	4	5	4	4	3
17	5	3	6	10	4	3	1	4	3	2	2	7	4
18	7	3	4	9	7	6	2	2	4	4	2	0	4
19	2	0	1	2	1	1	0	0	0	1	1	0	1
20	0	0	0	0	0	0	1	0	2	0	0	0	0
21	2	0	0	0	0	0	0	0	0	0	0	0	0
22	0	2	1	0	2	0	1	0	0	3	2	0	1
23	3	1	4	5	5	0	0	1	0	2	2	0	2
24	0	3	2	2	4	3	2	2	2	2	7	4	3
25	3	3	1	7	4	4	***	6	3	3	3	2	4
26	1	2	5	5	5	6	3	9	3	3	1	5	4
27	3	3	5	2	2	4	2	3	3	5	1	2	3
28	2	2	2	3	2	3	5	3	2	2	1	2	2
29	1	2	1	2	2	1	4	2	1	2	0	2	1
30	0	1	0	2	2	0	1	2	2	0	1	0	1
MEAN	2	2	2	4	3	2	2	2	3	3	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	1	0	3	0	1	2	4	2	0	4	1
2	2	3	2	5	6	0	4	1	5	3	2	2	3
3	1	3	4	3	3	2	4	1	1	2	4	2	3
4	1	4	3	5	6	2	7	2	4	3	2	3	3
5	2	3	2	2	4	0	0	2	5	4	5	4	3
6	2	3	1	3	3	4	1	2	0	4	3	4	3
7	5	2	2	0	3	2	4	2	2	2	2	2	3
8	2	0	0	3	1	***	0	2	3	2	2	3	2
9	3	0	5	2	4	1	2	3	4	4	5	6	3
10	1	4	2	6	6	4	5	5	7	2	1	1	4
11	2	2	2	0	3	1	0	2	2	3	2	2	2
12	5	4	8	8	9	4	5	4	3	4	4	4	5
13	2	3	0	2	3	2	0	2	3	2	2	1	2
14	3	1	3	9	2	0	2	2	3	0	2	0	2
15	1	0	1	0	***	3	1	3	0	0	0	1	1
16	0	0	2	2	2	2	0	2	2	2	0	7	2
17	2	1	2	3	5	3	4	4	3	5	5	2	3
18	3	2	3	2	2	2	3	2	4	2	0	2	4
19	4	3	6	14	2	4	0	3	2	2	2	4	2
20	2	2	0	3	3	2	0	3	2	2	2	4	2
21	2	2	1	2	2	0	2	2	2	0	0	2	1
22	0	2	0	2	3	0	1	0	1	2	1	2	1
23	1	0	6	2	5	5	2	0	2	3	2	4	3
24	3	1	2	4	0	0	0	3	0	0	0	2	1
25	0	0	0	2	0	2	2	2	2	2	0	5	1
26	7	1	2	0	1	1	0	0	1	2	0	2	1
27	1	2	0	0	2	2	0	2	0	0	0	0	1
28	0	0	0	0	2	2	0	2	0	0	2	2	1
29	0	2	1	3	2	***	1	0	0	2	2	0	1
30	0	0	0	0	0	0	2	0	2	2	2	0	1
31	3	1	2	1	0	3	0	3	3	2	2	15	3
MEAN	2	2	2	3	3	2	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - SCOTT PARK HAMILTON

NO 29004

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24 HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	5	13
FEB	22	3	6	12
MAR	22	2	4	16
APR	DATA MISSING			
MAY	26	2	5	11
JUN	30	2	4	10
JUL	31	1	2	5
AUG	21	1	2	9
SEP	30	2	4	11
OCT	31	3	5	12
NOV	30	2	4	10
DEC	31	2	5	15
YEAR	305	2	6	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	285	79	2	0	0	0	0	366
FEB	196	58	3	0	0	0	0	257
MAR	209	45	2	1	0	0	0	257
APR	DATA MISSING							
MAY	269	34	2	0	0	0	0	305
JUN	323	34	0	0	0	0	0	357
JUL	358	10	0	0	0	0	0	368
AUG	240	10	0	0	0	0	0	250
SEP	328	27	1	0	0	0	0	356
OCT	317	50	1	0	0	0	0	368
NOV	316	43	0	0	0	0	0	359
DEC	334	33	2	0	0	0	0	369
YEAR	3175	423	13	1	0	0	0	3612

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99		MAX
89	0	0.3	0.9	1.6	2.4	4.4	5.5	7.1	8.4	16	2.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

	STATION - NORTH PARK HAMILTON				NO 29008		MONTH JAN 71							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	5	2	0	3	0	2	0	2	2	2	
2	3	1	1	0	0	0	3	0	0	6	0	2	1	
3	2	1	2	0	0	1	0	0	2	2	0	0	1	
4	0	0	3	4	0	2	0	0	20	14	3	10	5	
5	11	4	10	15	11	9	15	10	16	10	11	10	11	
6	8	9	12	7	15	6	10	18	15	7	13	11	11	
7	10	9	12	17	9	7	2	16	11	13	16	11	11	
8	10	11	2	6	6	7	22	14	19	10	13	12	11	
9	12	11	5	9	11	9	5	5	4	9	13	9	9	
10	10	12	12	11	4	7	7	2	9	11	9	3	8	
11	5	0	10	21	18	16	15	16	17	14	7	6	12	
12	11	3	9	9	7	5	2	0	8	7	16	5	7	
13	2	2	2	4	2	1	1	0	4	2	2	2	2	
14	3	5	6	14	12	4	8	2	12	11	5	4	7	
15	1	5	3	7	12	8	6	2	4	2	3	7	5	
16	4	5	4	4	4	8	7	2	0	2	3	2	4	
17	7	3	5	5	8	5	6	2	5	11	5	2	5	
18	7	2	2	4	7	3	5	1	15	5	7	8	6	
19	7	7	7	4	17	17	9	6	3	9	4	7	8	
20	7	11	11	9	16	9	12	15	11	13	11	13	12	
21	17	13	12	13	19	16	11	11	8	9	3	7	12	
22	9	12	11	15	13	9	9	11	7	15	10	11	11	
23	11	13	11	7	6	6	13	5	6	9	5	5	8	
24	2	13	13	11	3	0	11	1	8	9	15	5	8	
25	13	7	11	12	23	13	14	22	9	7	5	5	12	
26	3	5	7	15	12	13	13	7	9	4	2	1	8	
27	0	3	0	5	2	9	5	5	3	13	12	11	6	
28	8	12	13	15	8	10	7	7	10	14	17	10	11	
29	15	8	10	9	10	8	14	8	11	9	2	8	9	
30	7	12	6	11	7	8	4	7	6	7	9	8	8	
31	4	2	11	13	8	5	4	2	5	7	6	9	6	
MEAN	7	7	7	9	9	7	8	6	8	8	7	7	8	

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON					NO 29008		MONTH FEB 71							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	9	12	10	14	10	8	6	11	7	14	10	12	10	
2	8	10	9	12	10	13	10	3	9	10	14	16	10	
3	10	4	13	19	25	17	10	3	0	3	3	1	9	
4	9	9	10	6	9	9	3	9	6	2	4	4	7	
5	2	1	4	6	12	9	8	10	9	12	4	13	8	
6	4	7	10	11	4	4	2	11	13	8	9	8	8	
7	10	8	4	3	7	3	2	4	3	2	5	3	5	
8	9	3	5	4	8	4	2	2	2	1	6	3	4	
9	6	2	2	2	2	6	5	3	6	10	14	9	6	
10	****	****	****	****	11	2	9	11	9	9	10	13	9	
11	14	8	11	13	17	15	13	19	19	18	9	11	14	
12	9	14	13	13	18	15	19	17	17	11	2	1	12	
13	3	0	3	0	2	1	2	3	1	0	3	2	2	
14	3	0	4	0	3	0	0	3	3	3	7	6	3	
15	7	11	11	9	18	12	9	6	6	3	3	11	9	
16	5	8	7	9	2	2	5	2	2	5	11	5	5	
17	7	5	4	9	5	21	13	9	11	9	10	13	10	
18	9	9	12	17	15	11	15	8	7	5	9	11	11	
19	9	7	0	3	3	0	3	0	2	2	0	2	3	
20	0	2	2	2	2	8	11	7	9	7	7	2	5	
21	2	2	1	1	2	1	0	4	3	0	3	0	2	
22	2	2	0	0	5	0	2	2	3	2	0	2	2	
23	2	0	7	13	5	7	8	8	7	11	7	11	7	
24	3	3	3	9	9	9	9	7	11	7	13	8	8	
25	11	13	9	15	13	11	11	13	9	16	18	18	13	
26	17	7	8	9	8	13	2	3	2	5	5	5	7	
27	6	5	9	8	8	5	6	3	3	3	3	2	5	
28	3	2	5	3	3	3	3	5	7	4	8	3	4	
MEAN	7	6	7	8	8	7	7	7	7	7	7	7	7	

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	5	11	3	2	5	5	5	2	8	6	5
2	7	4	13	11	3	0	0	2	4	7	5	4	5
3	2	1	4	2	2	2	2	2	2	0	3	1	2
4	1	1	5	3	6	5	5	3	3	3	3	11	4
5	5	5	9	15	12	8	11	7	7	9	8	5	8
6	3	3	8	14	4	5	4	4	4	3	1	2	5
7	2	2	4	5	5	2	3	3	2	4	5	5	4
8	2	8	6	8	8	5	4	4	5	2	2	4	5
9	2	1	2	4	6	5	3	3	5	3	2	4	3
10	5	3	6	8	5	2	3	2	1	2	3	2	4
11	2	2	6	12	8	8	4	6	3	5	6	3	5
12	3	6	7	8	13	4	5	2	0	1	4	2	5
13	0	4	3	3	3	5	2	2	10	3	9	6	4
14	2	7	7	3	2	7	4	4	2	2	6	7	4
15	3	6	5	7	6	16	9	4	5	4	4	6	6
16	4	4	6	7	8	5	11	3	5	5	4	4	6
17	3	4	4	12	9	8	6	3	5	2	3	5	5
18	3	3	3	7	7	5	4	3	7	5	9	6	5
19	6	3	2	2	2	3	2	2	9	6	5	5	4
20	7	5	5	7	6	0	2	2	2	1	2	2	3
21	0	2	0	0	1	2	1	0	2	0	3	3	1
22	4	2	3	5	6	5	6	6	6	7	2	4	5
23	3	4	3	7	12	6	5	3	3	0	2	3	4
24	0	2	2	6	4	6	2	4	5	5	2	5	3
25	7	0	2	5	7	4	5	5	3	5	3	4	4
26	2	0	2	1	4	0	2	0	2	0	2	2	1
27	6	6	2	3	3	0	2	0	0	2	0	0	2
28	0	2	2	0	1	3	0	2	0	5	6	2	2
29	9	9	7	9	7	2	3	5	3	3	3	2	5
30	1	3	3	8	5	5	3	7	****	****	****	****	4
31	DATA MISSING -												
MEAN	3	4	5	6	6	4	4	3	4	3	4	4	4

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	****	****	****	****	****	****	****	****	7	2	5	7	****
2	4	3	1	4	7	5	3	3	4	2	3	0	3
3	0	1	5	5	5	2	1	3	1	2	4	5	3
4	7	3	5	0	2	1	5	1	1	2	4	1	3
5	3	3	8	5	2	0	2	0	1	2	2	2	3
6	1	2	3	4	0	1	2	2	0	0	1	1	1
7	3	5	2	2	2	2	2	3	1	2	7	2	3
8	3	3	2	0	0	1	1	2	2	3	5	3	2
9	5	3	7	5	5	3	7	5	3	1	0	1	4
10	1	0	0	1	2	1	0	0	2	1	2	2	1
11	4	2	3	2	2	1	4	4	0	2	7	2	3
12	2	1	4	2	5	6	5	2	3	1	2	2	3
13	5	5	15	3	0	0	0	3	1	2	2	1	3
14	2	3	0	7	6	4	3	3	2	2	2	2	3
15	4	3	3	2	1	****	****	****	****	****	****	****	****
16	- DATA MISSING -												
17	- DATA MISSING -												
18	- DATA MISSING -												
19	- DATA MISSING -												
20	- DATA MISSING -												
21	- DATA MISSING -												
22	- DATA MISSING -												
23	****	****	****	****	****	****	****	****	****	3	11	7	****
24	3	7	2	2	2	0	2	0	3	0	0	3	2
25	0	2	5	3	0	3	0	0	0	0	0	2	1
26	0	0	0	7	4	3	3	4	0	1	2	5	2
27	3	3	7	2	3	1	0	2	0	0	0	2	2
28	2	0	3	2	0	2	0	4	2	3	10	5	3
29	3	2	3	3	5	1	2	5	3	0	2	5	3
30	2	5	3	7	5	1	3	0	3	3	7	1	3
MEAN	3	3	4	3	3	2	2	2	2	2	4	3	3

PERCENTAGE OF DATA VALID - 70

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	7	0	5	5	2	2	3	2	0	3	3	3
2	0	3	2	3	0	2	0	3	0	0	3	0	1
3	0	0	3	2	5	5	2	3	9	7	7	2	4
4	0	3	3	0	3	2	1	2	3	2	4	9	3
5	6	8	15	15	6	****	8	3	0	1	3	3	6
6	3	4	0	2	1	2	2	0	2	4	3	4	2
7	6	4	9	2	7	2	1	0	1	0	1	4	3
8	0	3	2	0	2	0	0	0	0	0	2	4	1
9	0	5	2	7	6	0	2	2	2	2	6	9	3
10	2	0	9	7	10	3	4	2	0	3	7	8	5
11	5	4	6	10	3	2	2	5	3	4	9	3	5
12	2	1	1	8	8	7	7	6	1	4	0	4	4
13	3	3	3	5	3	5	2	4	2	4	8	9	4
14	3	2	2	3	1	0	2	3	5	5	3	3	3
15	3	2	5	7	1	4	2	1	0	4	0	7	3
16	3	2	6	4	2	1	4	3	4	1	0	0	3
17	3	0	2	0	5	3	1	3	1	0	4	4	2
18	5	3	3	3	5	3	2	7	4	9	10	3	5
19	1	1	2	1	7	5	16	12	9	7	9	7	6
20	5	5	9	10	10	10	8	11	4	7	6	8	8
21	1	7	7	13	3	2	4	5	0	1	1	2	4
22	2	2	0	0	0	0	3	0	0	0	2	0	1
23	2	0	0	0	1	0	2	0	0	0	2	1	2
24	0	3	2	2	10	7	11	2	7	6	9	8	8
25	2	0	6	11	12	9	3	7	3	2	3	5	5
26	4	2	4	12	10	7	1	0	1	2	2	3	3
27	4	0	7	11	3	3	3	0	1	0	10	6	5
28	8	7	5	5	3	2	2	1	0	0	3	2	3
29	3	4	3	5	4	2	2	2	2	3	1	7	3
30	2	4	3	5	4	2	2	2	2	3	1	7	3
31	2	3	2	2	2	0	1	0	2	0	2	0	1
MEAN	3	3	4	5	4	3	3	3	2	3	4	4	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	1	2	0	2	1	6	2	3	0	1
2	0	0	2	3	2	0	0	5	0	4	4	6	2
3	11	5	8	10	10	5	4	6	5	4	9	8	7
4	6	6	14	10	10	8	6	5	3	5	3	2	7
5	3	0	1	1	1	2	0	0	2	1	2	2	1
6	1	2	0	3	1	0	2	2	3	6	8	3	3
7	10	7	7	9	****	9	9	8	11	11	7	6	9
8	12	8	14	12	8	7	7	5	2	2	6	0	7
9	1	2	2	0	2	0	2	2	0	1	2	2	1
10	2	3	2	3	1	0	0	0	2	0	3	2	2
11	2	3	3	0	3	3	0	3	1	0	2	2	2
12	0	2	1	0	3	4	0	3	2	6	8	11	3
13	2	5	2	6	0	2	2	1	2	0	2	1	2
14	2	3	1	0	****	2	2	0	0	3	4	2	2
15	1	2	2	2	2	1	1	0	3	0	2	1	1
16	3	6	5	7	1	3	1	2	0	3	2	4	3
17	3	7	9	1	1	6	2	2	2	2	2	7	5
18	9	7	2	5	14	2	2	2	3	4	2	5	4
19	8	4	3	5	3	4	6	3	3	2	3	6	4
20	5	5	4	6	7	7	9	4	7	3	6	3	6
21	3	2	8	7	9	10	****	0	3	0	2	2	4
22	0	0	0	2	0	2	1	0	2	2	1	4	1
23	7	3	8	3	2	2	2	4	2	6	9	9	5
24	10	7	12	12	12	8	8	10	2	4	6	8	8
25	0	0	0	3	3	0	3	2	3	2	0	1	2
26	2	0	2	0	2	0	1	0	0	2	2	3	1
27	7	5	3	1	2	5	3	1	3	2	8	1	4
28	8	2	3	1	0	1	1	0	2	0	3	5	2
29	6	13	13	11	7	****	11	13	11	15	13	9	11
30	13	18	17	18	17	17	13	15	13	11	13	9	15
MEAN	5	4	5	5	5	4	3	3	3	3	5	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	9	10	6	7	3	5	5	0	3	0	0	5
2	1	2	0	2	2	2	0	1	0	0	2	0	1
3	2	0	2	2	0	0	2	0	0	0	0	2	1
4	0	2	3	2	2	3	4	2	5	7	3	9	4
5	5	7	15	20	10	17	13	12	11	1	3	1	10
6	5	5	9	12	****	9	7	7	5	8	9	9	8
7	7	9	13	11	9	9	9	7	8	8	19	11	10
8	11	5	7	19	9	9	9	11	11	10	13	5	10
9	5	5	5	5	7	5	5	9	3	2	7	4	5
10	3	5	3	0	3	2	2	0	2	0	3	2	2
11	0	2	1	2	2	0	0	2	1	0	2	0	1
12	3	0	2	0	4	0	3	1	0	3	2	2	2
13	8	2	3	7	****	13	9	11	6	5	2	4	6
14	3	7	6	4	4	6	4	6	3	2	5	9	5
15	2	9	19	9	12	11	****	10	3	9	5	3	8
16	9	11	12	13	9	8	8	4	13	13	19	16	11
17	3	9	4	3	2	5	4	0	0	0	0	6	3
18	8	4	3	2	0	3	0	3	0	2	2	1	2
19	2	3	2	2	2	4	2	2	2	0	2	2	2
20	7	3	7	6	9	****	2	2	3	6	4	6	5
21	8	6	18	9	5	1	1	5	6	9	12	6	7
22	10	18	21	19	14	11	14	9	12	13	9	13	14
23	14	11	14	13	11	10	9	7	10	6	3	10	10
24	8	2	6	4	3	3	2	0	3	0	4	1	3
25	1	3	1	2	2	1	0	1	4	1	4	5	2
26	2	7	7	12	14	9	11	9	12	5	3	6	8
27	6	2	7	5	4	8	4	4	4	5	5	3	5
28	5	0	2	3	8	6	****	3	11	11	23	3	7
29	5	7	15	8	5	0	0	2	3	5	4	2	5
30	2	0	3	2	2	0	1	0	0	2	1	3	1
31	3	0	2	1	2	2	3	5	5	7	15	4	4
MEAN	5	5	7	7	6	5	5	5	5	5	6	5	5

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	6	4	0	3	2	0	2	2	0	4	2
2	1	5	2	5	2	2	5	3	4	4	3	4	3
3	11	5	9	10	9	6	7	5	4	7	0	1	6
4	1	2	9	2	0	0	2	2	0	1	3	0	2
5	2	0	4	2	2	****	6	2	1	2	2	8	2
6	5	5	8	8	8	11	6	4	5	4	5	4	6
7	7	8	4	16	8	5	2	3	2	2	5	2	5
8	2	3	7	7	7	3	0	5	3	5	9	4	4
9	7	12	26	19	17	10	8	10	8	7	9	13	12
10	9	4	11	15	11	11	3	6	13	8	9	8	9
11	6	6	10	9	7	5	2	3	4	3	2	2	5
12	4	3	5	6	9	9	7	5	8	7	10	11	7
13	7	6	10	6	12	6	6	9	6	7	9	4	7
14	3	5	7	5	5	5	3	3	3	1	2	4	4
15	2	0	2	1	0	0	0	0	0	0	0	0	1
16	8	2	8	12	3	4	1	1	0	2	2	8	4
17	6	10	4	13	***	2	0	3	0	2	12	7	5
18	5	2	9	13	7	2	2	2	3	2	11	11	6
19	11	11	10	19	17	13	9	7	11	17	13	11	7
20	11	7	6	13	11	6	6	11	7	5	8	9	8
21	5	3	3	7	4	2	3	2	2	0	3	3	3
22	2	2	5	3	9	4	2	0	0	2	0	2	3
23	2	3	2	2	0	2	7	3	0	3	5	1	3
24	5	3	8	8	6	8	5	7	0	4	5	5	5
25	0	5	2	5	11	11	18	8	7	7	4	3	7
26	4	7	3	2	2	****	5	0	5	1	8	1	3
27	2	4	0	0	1	3	3	0	2	0	0	1	1
28	1	0	4	0	2	3	0	0	4	1	0	1	2
29	6	5	7	16	12	6	2	3	2	5	9	7	7
30	8	7	9	19	13	10	7	2	2	0	0	2	7
31	0	2	1	0	****	2	1	0	0	4	2	3	1
MEAN	5	4	6	8	7	5	4	4	3	4	5	5	5

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	2	4	2	0	0	2	2	0	2	0	2
2	3	4	2	4	4	6	6	4	4	4	14	19	6
3	12	10	20	18	12	12	14	12	5	11	7	7	12
4	7	11	8	14	7	8	7	9	5	4	8	4	8
5	4	9	8	0	4	4	2	2	4	3	4	3	4
6	1	4	0	2	4	2	2	4	4	4	6	4	3
7	6	6	12	16	18	13	10	9	10	12	11	15	12
8	9	10	15	14	19	12	11	12	13	7	12	10	12
9	7	2	9	15	2	2	***	3	0	4	0	0	4
10	6	2	3	1	2	1	0	0	2	1	1	1	2
11	3	11	6	12	7	2	2	2	2	2	1	5	5
12	2	3	0	0	1	1	3	2	2	2	0	1	1
13	0	0	4	1	0	1	2	1	0	2	0	6	1
14	2	1	2	7	6	8	2	2	6	3	17	12	6
15	12	9	20	19	***	11	9	7	9	7	6	11	11
16	6	3	11	13	15	8	3	2	2	2	3	2	6
17	3	2	4	3	0	1	2	3	1	4	5	1	3
18	5	3	3	5	3	2	7	2	0	7	2	2	3
19	3	2	3	0	0	0	2	0	2	5	5	5	2
20	7	3	5	7	17	17	5	9	7	11	9	4	8
21	3	7	9	11	7	5	0	0	0	4	7	10	5
22	8	4	9	13	13	5	2	0	2	3	2	3	5
23	7	3	3	7	15	15	12	9	11	5	2	2	8
24	2	0	6	8	8	11	5	10	5	7	2	4	6
25	4	0	3	6	5	2	2	4	3	5	1	3	3
26	2	0	2	2	0	2	2	0	0	1	0	1	1
27	2	0	1	2	0	0	0	1	1	3	2	0	1
28	2	0	3	0	2	0	4	3	2	2	8	6	3
29	***	***	***	***	***	11	10	7	7	8	7	8	***
30	6	2	2	7	0	2	1	0	2	3	0	0	2
MEAN	5	4	6	7	6	6	4	4	4	4	5	5	5

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	5	15	8	7	4	13	5	16	10	13	9
2							DATA MISSING						
3	6	2	0	2	3	0	1	0	2	0	0	0	1
4	2	2	3	17	12	3	2	6	11	6	16	9	7
5	6	13	19	15	12	7	8	11	11	17	12	10	12
6	10	14	11	16	11	6	7	4	8	2	3	3	8
7	0	2	4	8	10	1	8	6	3	2	4	2	4
8	3	11	17	16	17	8	12	9	8	6	6	9	10
9	11	8	11	8	6	4	4	6	4	4	3	2	6
10	0	2	2	3	3	7	6	2	7	4	8	11	5
11	8	8	4	1	3	3	4	0	3	11	7	10	5
12	12	5	12	18	7	9	4	6	3	6	3	7	8
13	2	6	5	7	5	8	3	2	5	5	5	11	5
14	9	13	20	16	15	13	11	8	8	13	12	13	13
15	6	7	17	18	15	15	13	14	14	15	11	3	13
16	9	7	13	6	4	8	4	5	3	2	4	0	5
17	2	3	0	0	2	1	0	0	1	0	4	2	1
18	6	6	3	5	2	5	5	3	6	2	3	3	4
19	8	4	5	8	8	4	2	7	5	4	4	8	6
20	10	14	20	18	13	9	4	3	5	7	5	14	10
21	9	11	8	14	7	11	9	6	2	6	6	5	8
22	4	4	4	3	5	5	3	1	1	3	6	5	4
23	2	4	3	2	6	3	2	1	0	0	1	0	2
24	0	4	2	0	2	2	1	2	0	1	1	2	1
25	2	2	0	2	18	14	15	3	3	1	3	1	5
26	10	3	8	10	13	12	12	8	3	7	10	3	9
27	13	11	12	17	9	2	12	7	3	15	11	5	8
28	11	12	16	10	8	6	1	2	3	0	0	4	2
29	2	1	3	3	5	5	2	1	2	0	4	2	4
30	3	2	4	9	8	3	3	4	5	5	4	2	4
31	2	5	5	3	5	7	4	4	7	6	3	8	5
MEAN	6	7	8	9	8	6	6	5	5	6	6	6	6

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON	NO 29008					MONTH NOV 71							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	9	10	13	11	5	4	4	5	2	1	6
2	1	4	2	7	9	8	8	8	4	2	5	5	5
3	5	8	12	14	13	7	5	***	7	7	12	11	9
4	5	7	5	13	9	8	2	5	3	3	8	5	6
5	5	8	7	17	15	3	7	9	11	9	3	3	8
6	4	3	3	4	3	10	9	2	5	5	4	0	4
7	2	0	2	3	2	1	2	0	2	4	5	4	2
8	3	2	2	6	3	2	1	2	4	7	3	9	9
9	6	10	3	12	12	1	11	9	13	13	8	9	9
10	13	7	7	11	11	11	9	2	2	6	2	2	7
11	0	2	5	5	2	1	2	7	5	5	11	11	5
12	17	12	11	18	17	8	11	8	14	9	9	7	12
13	4	7	12	7	6	1	0	5	0	1	0	1	4
14	2	0	1	0	1	0	2	3	2	0	0	2	1
15	1	5	4	6	14	12	16	3	4	5	5	6	7
16	6	5	4	17	5	1	3	2	3	0	2	6	5
17	12	8	7	9	18	7	7	14	19	14	8	11	11
18	11	3	8	7	14	2	9	16	17	8	9	12	10
19	11	7	13	12	12	6	4	7	8	8	5	3	8
20	7	3	4	6	3	5	8	4	4	4	6	5	5
21	2	1	1	2	0	0	2	3	0	2	1	2	2
22	2	1	2	5	7	3	7	8	6	6	3	2	4
23	6	5	1	2	4	2	1	1	2	1	0	0	2
24	2	2	2	3	3	4	3	3	3	2	4	2	3
25	5	4	6	11	10	9	***	5	8	6	9	7	7
26	7	4	10	11	13	12	13	10	12	9	9	4	10
27	0	1	1	3	5	2	5	2	3	3	1	5	3
28	0	0	0	1	1	2	0	2	1	0	1	1	1
29	3	1	2	0	0	1	1	3	1	2	3	1	2
30	3	0	1	4	8	1	9	6	4	3	2	8	4
MEAN	5	4	5	8	8	1	6	5	6	5	5	5	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON	NO 29008					MONTH DEC 71							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	4	4	11	1	4	4	4	2	4	7	4
2	3	6	5	8	11	10	9	7	6	10	6	9	8
3	14	13	7	8	15	11	10	4	5	5	4	4	9
4	2	4	2	4	1	4	2	1	0	1	1	1	2
5	1	2	0	0	0	0	2	1	2	1	2	2	1
6	4	4	5	8	17	14	13	1	7	6	6	11	8
7	7	5	6	7	8	2	1	1	1	2	3	1	4
8	1	0	2	3	1	2	1	2	3	4	2	9	3
9	3	3	5	4	5	11	12	11	6	6	3	8	6
10	7	4	4	8	3	6	4	7	3	3	4	4	5
11	4	5	5	4	5	5	4	7	9	2	5	4	5
12	1	4	2	8	6	4	5	4	2	12	5	10	5
13	8	3	3	5	1	4	7	4	3	5	5	6	4
14	6	5	7	15	5	5	2	1	3	1	2	1	4
15	2	2	0	0	1	5	6	3	5	2	8	8	7
16	7	3	5	11	7	6	6	6	5	5	13	8	4
17	8	4	11	7	17	14	6	2	4	4	2	16	8
18	8	5	2	3	2	3	1	0	2	0	3	5	3
19	4	2	0	5	3	7	2	9	13	3	7	8	5
20	7	4	9	8	9	18	6	11	9	10	9	10	9
21	13	10	11	11	11	11	5	4	4	7	2	2	8
22	1	0	3	6	4	4	2	0	2	4	9	1	3
23	5	5	10	13	11	9	8	11	8	5	5	9	8
24	2	9	8	5	9	6	3	3	6	0	0	2	4
25	4	2	2	3	2	3	0	2	1	2	2	10	3
26	5	5	5	9	7	4	9	4	0	4	2	0	4
27	2	0	0	0	2	0	2	2	2	5	8	4	2
28	2	0	6	5	5	7	2	3	3	2	4	4	4
29	6	2	3	6	7	5	8	4	7	6	4	4	5
30	2	0	0	0	1	1	0	1	5	2	2	3	1
31	8	2	2	7	11	9	5	5	5	2	9	7	6
MEAN	5	4	4	6	6	6	5	4	4	4	5	6	5

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - NORTH PARK HAMILTON

NO 29008

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	8	12	23
FEB	28	7	14	25
MAR	30	4	8	16
APR	23	3	4	15
MAY	31	3	8	16
JUN	30	4	15	18
JUL	31	5	14	23
AUG	31	5	12	26
SEP	30	5	12	20
OCT	30	6	13	20
NOV	30	5	12	19
DEC	31	5	9	18
YEAR	356	5	15	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	116	144	89	19	4	0	0	372
FEB	132	124	57	17	2	0	0	332
MAR	214	128	13	1	0	0	0	356
APR	204	46	2	0	0	0	0	252
MAY	269	90	11	1	0	0	0	371
JUN	236	89	26	5	0	0	0	356
JUL	193	121	41	10	2	0	0	367
AUG	198	129	31	9	1	0	0	368
SEP	208	93	41	11	0	0	0	353
OCT	162	120	59	19	0	0	0	360
NOV	179	124	45	10	0	0	0	358
DEC	198	141	29	4	0	0	0	372
YEAR	2309	1349	444	106	9	0	0	4217

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
96	0	0.6	1.7	3.4	6.3	10.8	12.9	16.2	17.6	26	5.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	3	2	1	1	2	2	2	2	2	1
2	0	1	2	2	2	1	0	1	0	1	2	2	1
3	2	0	0	0	1	2	1	0	2	0	1	2	1
4	1	0	0	2	2	4	2	0	2	0	0	2	1
5	0	2	2	0	0	1	1	0	2	0	1	2	1
6	3	0	2	2	3	2	0	2	0	0	2	0	1
7	3	2	1	1	0	1	2	2	1	3	2	0	2
8	0	0	2	3	2	0	1	2	2	0	2	4	2
9	1	3	0	0	4	4	2	3	3	2	2	3	2
10	2	2	1	2	1	2	3	0	2	0	2	0	1
11	1	3	0	5	0	2	0	0	5	2	1	3	2
12	2	13	0	3	0	2	3	2	2	2	0	3	3
13	2	2	1	3	0	2	0	2	2	1	2	3	2
14	3	0	2	4	2	2	2	0	0	0	2	2	2
15	2	0	0	2	0	2	1	0	2	3	2	0	1
16	2	0	2	0	2	2	2	2	0	1	0	3	1
17	4	4	0	2	2	3	0	2	3	0	0	2	2
18	2	2	3	0	3	3	3	2	3	2	2	2	2
19	3	0	2	0	2	1	3	0	3	3	1	3	2
20	2	2	2	0	3	1	2	0	2	2	2	1	2
21	2	1	3	2	0	3	5	8	7	0	5	3	3
22	5	3	3	5	4	3	5	5	11	7	17	11	7
23	9	5	2	0	3	0	5	2	5	2	3	0	3
24	0	6	8	4	3	8	7	4	8	7	5	3	5
25	16	5	5	5	8	0	7	7	8	11	6	14	7
26	17	5	3	4	2	3	4	3	4	0	2	5	5
27	2	0	3	2	3	2	2	0	3	2	1	7	2
28	1	3	2	2	4	3	1	3	5	2	3	2	3
29	2	0	2	2	6	2	5	5	9	7	6	9	5
30	2	4	2	1	0	3	5	0	3	1	3	3	2
31	0	0	2	5	5	3	1	5	2	1	0	2	2
MEAN	3	2	2	2	2	2	2	2	3	2	3	3	2

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	5	0	7	3	2	2	2	3	3	2	1	3
2	1	3	6	7	5	7	0	2	4	5	6	5	4
3	3	9	8	10	12	10	4	6	7	7	7	16	8
4	9	12	11	15	3	18	11	9	7	4	4	8	9
5	4	2	4	4	2	3	2	5	3	1	3	3	3
6	2	5	3	5	4	4	2	6	3	4	3	4	4
7	9	5	7	20	14	7	3	9	7	5	1	3	8
8	5	2	11	10	5	7	3	7	6	4	7	7	6
9	2	6	3	5	2	1	2	2	3	3	1	3	3
10	9	2	4	4	2	5	6	1	4	7	3	5	4
11	8	5	5	9	8	7	9	6	6	4	3	5	6
12	4	1	4	7	2	7	11	8	13	13	5	2	6
13	3	4	1	7	3	3	3	3	4	3	6	5	4
14	2	0	4	2	4	3	4	2	0	2	0	3	2
15	4	7	5	9	8	4	****	****	****	****	****	****	****
16							- DATA MISSING -						
17							- DATA MISSING -						
18	****	****	****	****	****	5	2	2	5	5	6	8	****
19	9	10	10	3	13	5	2	4	0	2	3	3	5
20	0	7	2	7	5	13	16	5	3	2	3	3	6
21	5	2	0	2	2	2	3	2	0	3	4	3	2
22	1	2	2	3	2	3	3	2	3	2	7	9	3
23	7	9	5	5	0	1	3	2	5	4	5	7	4
24	1	6	1	4	3	4	3	3	0	2	7	4	3
25	2	5	2	7	5	2	3	4	4	9	7	9	5
26	15	15	15	16	19	15	11	6	7	7	8	10	12
27	9	4	0	0	2	0	1	2	2	1	3	2	2
28	2	5	0	0	0	1	3	0	2	0	3	0	1
MEAN	5	5	5	7	5	5	4	4	4	4	4	5	5

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

	STATION - KENILWORTH HAMILTON				NO 29009		MONTH MAR 71						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	7	5	2	2	1	4	3	4	7	3
2	5	10	11	19	13	4	3	2	5	2	0	2	6
3	1	0	3	2	5	5	4	4	7	4	2	4	3
4	5	3	2	3	4	3	1	3	2	0	2	3	3
5	4	2	3	4	5	8	3	0	3	4	3	8	4
6	8	9	5	6	8	3	6	8	3	3	3	3	6
7	5	5	0	2	3	0	3	2	0	0	0	5	2
8	0	2	0	2	2	4	3	3	3	1	5	3	2
9	1	2	3	3	4	0	2	1	1	4	2	3	2
10	6	0	6	1	8	5	7	5	3	3	5	7	5
11	3	4	9	10	4	2	2	2	5	5	2	4	4
12	7	5	9	20	20	5	1	6	3	3	3	0	7
13	3	5	8	7	8	2	5	4	4	9	5	4	5
14	7	9	4	5	8	13	2	3	6	5	9	18	7
15	10	4	4	7	2	3	2	3	4	0	2	0	3
16	2	2	2	2	2	3	3	2	2	0	2	5	2
17	5	4	5	8	4	2	3	••••	4	0	5	5	4
18	3	2	7	2	3	2	5	3	5	8	5	5	4
19	6	2	3	7	3	2	5	9	0	0	0	5	4
20	1	5	2	11	3	2	3	0	3	3	0	2	3
21	4	2	3	0	0	3	0	2	0	0	3	3	2
22	4	3	8	6	6	2	2	5	0	3	3	5	4
23	4	8	3	5	7	0	0	0	2	7	2	1	3
24	4	0	5	3	2	3	6	2	3	0	2	3	3
25	5	4	1	5	2	5	3	0	5	2	5	5	4
26	15	5	17	19	5	0	2	3	2	0	7	5	7
27	7	7	3	8	2	6	0	5	2	2	2	2	4
28	5	3	5	4	2	3	0	5	2	11	2	1	4
29	0	1	0	5	7	0	4	2	2	0	3	3	2
30	5	1	2	2	2	2	3	2	0	2	5	7	3
31	3	3	7	8	3	0	2	5	2	2	1	5	3
MEAN	4	4	5	6	5	3	3	3	3	3	3	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

	STATION - KENILWORTH HAMILTON				NO 29009		MONTH APR 71						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	1	7	3	3	0	7	12	5	3	1	4
2	3	2	3	2	2	2	2	0	2	0	3	1	2
3	2	0	3	5	2	0	4	4	0	5	5	5	3
4	2	2	0	2	2	2	4	7	8	8	2	2	3
5	7	9	7	12	5	2	2	0	4	5	9	3	5
6	9	6	15	17	6	3	3	4	0	7	1	5	6
7	5	6	8	2	4	****	****	****	****	****	****	****	****
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	4	4	5	7	3	2	3	4	4	5	4	3	4

PERCENTAGE OF DATA VALID - 21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							DATA MISSING -						
2							DATA MISSING -						
3							DATA MISSING -						
4							DATA MISSING -						
5							DATA MISSING -						
6							DATA MISSING -						
7							DATA MISSING -						
8							DATA MISSING -						
9							DATA MISSING -						
10							DATA MISSING -						
11							DATA MISSING -						
12							DATA MISSING -						
13							DATA MISSING -						
14							DATA MISSING -						
15							DATA MISSING -						
16							DATA MISSING -						
17							DATA MISSING -						
18							DATA MISSING -						
19							DATA MISSING -						
20							DATA MISSING -						
21	****	****	****	****	****	0	0	2	0	3	3	2	****
22	2	0	5	1	3	0	2	0	2	3	2	3	2
23	0	2	3	2	0	0	0	0	2	2	3	2	1
24	2	3	0	2	0	3	2	2	0	2	0	7	2
25	0	2	10	2	2	0	0	3	2	0	0	2	2
26	0	0	2	1	2	3	0	2	2	0	2	2	1
27	0	2	0	2	5	2	2	3	0	3	9	7	3
28	6	2	0	6	0	2	1	2	0	3	3	3	2
29	6	3	5	9	9	0	2	0	2	0	5	2	4
30	5	6	6	6	0	3	0	0	3	5	3	4	3
31	2	0	11	9	3	3	0	3	0	2	2	2	3
MEAN	2	2	4	4	2	1	1	2	1	2	3	3	2

PERCENTAGE OF DATA VALID - 34

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	3	2	0	5	1	2	2	5	2	2	2
2	0	0	2	2	4	3	2	5	6	3	8	8	4
3	3	1	2	3	0	3	0	2	2	1	2	2	2
4	0	2	2	2	3	0	3	2	1	3	4	3	2
5	7	3	0	0	2	2	3	0	0	2	0	1	2
6	3	3	0	0	3	2	5	0	2	0	0	0	2
7	0	5	0	1	2	0	2	2	2	2	5	2	2
8	2	0	5	3	2	0	2	1	3	2	2	4	2
9	2	2	2	5	2	2	2	2	0	3	3	4	2
10	2	2	4	2	3	0	3	2	2	0	4	2	2
11	0	2	3	3	5	3	3	3	3	2	3	5	3
12	4	0	5	3	7	7	4	0	6	0	3	0	3
13	5	0	3	3	0	2	0	2	3	2	5	2	2
14	3	4	0	5	6	2	****	2	3	3	4	0	3
15	2	2	5	2	2	4	2	2	3	3	0	3	3
16	2	4	3	5	4	2	2	5	2	0	5	5	3
17	2	7	0	7	0	2	0	4	0	2	2	5	3
18	2	3	6	6	14	7	3	5	4	2	6	0	5
19	9	6	9	9	13	7	11	5	15	3	5	3	8
20	5	2	5	5	0	3	2	0	3	0	0	2	2
21	0	0	2	2	2	0	0	2	0	2	2	2	1
22	2	3	2	3	****	0	2	3	0	2	2	3	2
23	3	2	2	4	9	9	2	4	3	3	2	1	4
24	2	2	2	3	2	0	1	2	1	3	3	3	2
25	3	3	1	4	6	8	2	6	4	4	2	2	4
26	2	7	2	1	0	3	0	3	2	2	0	4	2
27	2	2	0	4	3	2	1	3	4	2	5	6	3
28	3	1	4	4	4	4	3	3	2	2	3	4	3
29	1	2	2	2	2	0	2	2	2	3	2	3	2
30	2	1	2	4	****	2	2	2	0	3	2	0	2
MEAN	3	2	3	3	4	3	2	3	3	2	3	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	3	2	1	0	2	1	0	2	2	2	2
2	0	3	2	4	2	0	2	0	1	1	2	2	2
3	0	0	2	1	2	0	0	1	0	1	2	1	2
4	4	3	2	2	2	2	2	3	2	2	2	2	2
5	2	2	2	3	2	5	4	3	0	5	2	3	3
6	2	3	0	5	0	***	2	0	2	0	4	3	2
7	2	2	2	2	2	0	3	0	2	0	3	0	2
8	2	0	5	3	0	3	0	0	3	2	1	3	2
9	0	2	2	2	2	3	0	0	0	3	0	3	1
10	1	3	4	0	3	2	1	2	0	2	5	0	2
11	0	0	3	2	1	0	2	0	2	2	2	2	1
12	2	3	2	3	2	3	0	2	0	0	2	2	2
13	2	0	0	2	2	***	6	3	0	2	1	0	2
14	2	0	0	0	2	3	0	0	1	0	0	2	1
15	2	0	0	0	5	0	5	0	0	2	3	2	2
16	0	2	0	0	2	0	3	0	2	0	0	3	1
17	2	0	3	0	2	2	0	0	0	2	2	0	1
18	0	2	2	0	2	0	0	0	2	2	0	4	1
19	2	0	2	5	3	3	2	3	2	2	2	4	2
20	2	0	2	2	2	0	2	1	2	0	0	3	1
21	2	2	3	2	0	3	2	3	2	0	2	0	2
22	1	4	4	2	7	1	2	5	3	0	0	0	2
23	2	3	3	2	0	4	5	2	3	1	0	3	2
24	0	2	5	3	2	2	0	2	0	2	1	3	2
25	0	0	3	0	2	2	0	0	2	0	2	2	1
26	2	0	3	1	1	2	2	2	2	1	1	0	1
27	0	0	2	2	0	2	0	2	0	3	2	0	1
28	0	0	1	0	2	0	***	***	2	2	2	0	1
29	0	0	0	3	0	2	2	0	0	0	2	2	1
30	2	1	3	5	5	2	4	2	0	0	3	2	2
31	2	2	2	3	2	0	1	0	0	0	0	2	1
MEAN	1	1	2	2	2	2	2	1	1	1	2	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	0	0	2	2	2	2	0	2	0	1
2	2	0	0	2	3	0	0	2	2	2	0	0	1
3	1	0	2	2	2	0	0	0	0	2	0	3	1
4	0	2	2	2	2	3	1	2	2	2	2	3	2
5	2	2	3	2	2	3	***	2	0	1	1	1	2
6	4	4	2	0	2	1	2	1	0	0	1	2	2
7	2	0	0	0	0	1	1	0	1	0	2	0	1
8	2	1	1	2	0	0	2	1	2	1	0	1	1
9	2	0	1	2	2	2	0	2	1	1	2	2	1
10	1	3	1	2	0	0	1	0	2	2	0	0	1
11	2	0	0	2	2	1	2	0	1	1	1	1	1
12	0	1	1	0	0	0	2	2	2	2	2	1	1
13	0	1	0	0	2	2	0	0	1	0	0	3	1
14	0	0	3	1	2	2	2	2	2	3	3	2	2
15	1	2	3	3	0	0	2	0	0	0	2	2	1
16	1	0	1	2	3	2	0	1	2	1	0	0	1
17	2	2	1	3	3	3	3	0	2	0	2	5	2
18	4	2	4	6	5	3	1	***	1	2	6	1	3
19	1	2	2	3	0	1	2	0	0	0	2	0	1
20	2	2	2	2	3	1	2	2	1	2	2	2	2
21	0	2	3	2	2	0	2	0	1	0	1	2	1
22	3	0	2	2	1	2	0	2	2	2	2	2	2
23	1	0	2	3	1	2	0	1	2	1	2	1	1
24	0	2	2	0	0	0	0	2	1	2	0	0	1
25	2	1	3	3	2	3	2	1	1	1	0	1	2
26	4	3	3	2	2	2	***	5	3	1	4	3	3
27	2	3	0	5	4	1	5	4	0	3	2	3	3
28	2	2	0	2	2	2	3	0	4	1	0	4	2
29	1	2	0	1	0	1	1	1	0	0	3	3	1
30	1	0	2	2	1	2	0	1	3	0	3	2	1
31	1	0	1	2	1	0	3	0	1	2	0	4	1
MEAN	1	1	2	2	2	1	1	1	1	1	2	2	1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

MONTH SEP 71

STATION - KENILWORTH HAMILTON	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	4	4	****	****	3	0	2	0	0	5	1	2
2	5	1	2	6	5	3	2	5	3	5	2	4	4
3	3	4	3	4	3	0	3	0	3	0	2	1	2
4	0	2	2	0	1	0	2	2	2	2	0	2	1
5	3	2	0	5	0	2	2	2	0	1	0	4	2
6	2	3	0	2	3	2	0	2	0	0	0	0	1
7	3	0	0	0	2	0	2	0	2	0	2	3	1
8	0	0	2	0	2	2	0	0	2	0	0	2	1
9	0	2	2	3	****	0	2	2	0	2	2	2	2
10	2	4	3	5	0	2	2	1	0	2	0	2	2
11	2	0	2	2	0	2	2	0	2	1	0	2	1
12	0	2	0	3	0	0	0	2	2	0	2	2	1
13	2	3	3	6	5	2	2	3	0	3	0	1	2
14	0	2	2	2	3	0	2	3	0	2	0	1	2
15	2	2	0	0	2	0	****	****	****	****	****	****	****
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22	****	****	****	****	****	0	1	2	2	2	2	1	****
23	0	2	2	4	3	0	0	0	0	0	0	0	1
24	2	2	0	2	0	3	0	0	3	2	0	2	1
25	0	5	3	2	2	0	3	0	2	5	2	0	2
26	3	0	3	0	1	1	2	0	2	2	8	9	2
27	4	2	2	2	0	3	2	****	****	****	****	****	****
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	2	2	2	3	2	1	1	1	1	1	1	2	2

PERCENTAGE OF DATA VALID - 64

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

MONTH NOV 71

STATION - KENILWORTH HAMILTON	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4	****	****	****	****	****	****	4	1	2	0	5	5	****
5	1	1	2	8	2	2	0	2	3	2	2	2	2
6	0	1	2	1	4	5	0	0	3	2	2	2	2
7	2	2	0	5	2	0	2	0	1	2	2	2	2
8	0	2	4	10	7	2	2	4	0	4	3	9	4
9	6	7	5	8	2	0	2	4	3	7	7	2	4
10	2	3	0	3	3	1	4	****	4	2	5	3	3
11	1	4	3	3	1	3	5	3	3	2	2	3	3
12	4	2	1	16	6	6	4	3	3	10	9	14	7
13	12	9	14	11	9	4	2	3	2	3	2	3	6
14	0	1	0	3	1	0	2	1	1	3	0	2	1
15	3	0	7	2	10	12	3	7	10	9	2	2	6
16	1	3	0	2	6	5	3	3	6	8	9	4	4
17	9	7	7	10	7	4	0	****	4	2	5	16	6
18	10	11	7	14	15	11	3	5	10	3	4	0	8
19	3	3	2	1	2	2	2	0	0	2	0	3	2
20	2	2	0	2	5	2	5	2	2	1	4	4	3
21	3	3	3	2	3	4	2	4	0	2	1	3	3
22	3	1	2	0	2	0	2	2	2	4	3	2	2
23	2	7	4	8	12	2	1	0	4	0	2	2	4
24	0	3	0	3	4	7	4	2	3	2	3	2	3
25	5	4	8	5	7	3	2	6	3	5	2	3	4
26	3	7	2	9	9	7	7	5	3	3	3	3	5
27	4	6	4	9	11	6	5	2	4	3	4	4	5
28	5	3	2	1	3	1	0	2	5	0	0	1	2
29	4	7	2	2	3	0	4	3	4	5	0	7	3
30	5	4	7	3	6	1	4	3	2	0	4	3	4
MEAN	3	4	3	5	5	4	3	3	3	3	3	4	4

PERCENTAGE OF DATA VALID - 87

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON				NO 29009		MONTH DEC 71							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	13	6	2	10	9	6	0	7	2	6	3	10	6
2	3	10	9	12	9	5	7	3	3	2	3	3	6
3	5	4	2	4	4	5	2	1	3	4	4	0	3
4	4	5	6	5	10	3	5	2	2	3	3	2	4
5	1	2	1	2	2	1	5	2	3	6	6	10	3
6	7	2	1	2	6	6	5	7	7	7	6	12	6
7	12	5	4	9	6	11	3	3	7	1	3	2	6
8	4	0	4	2	2	4	7	****	4	6	4	4	4
9	4	2	2	5	7	4	2	6	4	10	8	8	5
10	5	6	8	11	11	14	13	9	12	2	3	3	8
11	3	0	3	3	3	0	2	2	2	2	3	1	2
12	5	6	12	19	16	8	5	2	3	5	3	2	7
13	7	2	2	4	0	4	2	3	2	3	4	4	3
14	7	4	8	20	22	5	3	3	8	4	3	5	8
15	6	1	2	3	6	4	8	5	7	0	2	0	4
16	2	2	2	2	6	****	2	2	4	3	2	2	3
17	2	2	2	4	5	4	2	2	2	2	2	2	3
18	2	2	2	2	2	3	4	1	4	3	4	5	3
19	3	3	3	16	7	7	4	7	6	7	3	3	6
20	3	1	4	4	4	5	3	5	4	5	3	5	4
21	7	8	4	5	6	****	2	3	3	4	2	0	4
22	4	1	3	6	4	3	0	4	5	6	7	6	4
23	7	5	6	14	12	9	5	4	5	7	6	4	7
24	7	4	3	4	3	3	2	2	0	3	2	2	3
25	0	1	2	2	0	2	4	3	4	2	6	12	7
26	14	19	16	5	4	4	2	5	3	5	2	3	3
27	2	2	1	3	5	3	3	4	2	2	7	2	3
28	4	2	3	3	2	1	3	****	2	3	0	2	2
29	2	0	5	4	2	3	2	3	4	3	3	7	3
30	3	0	3	2	5	1	2	4	6	5	7	5	4
31	3	4	4	11	2	5	2	9	2	3	5	5	5
MEAN	5	4	4	6	6	5	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - KENILWORTH HAMILTON

NO 29009

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2	7	17
FEB	26	5	12	20
MAR	31	4	7	20
APR	7	4	6	17
MAY	11	2	4	11
JUN	30	3	8	15
JUL	31	2	3	7
AUG	31	1	3	6
SEP	21	2	4	9
OCT	DATA MISSING			
NOV	27	4	8	16
DEC	31	4	8	22
YEAR	277	3	12	22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	319	46	5	2	0	0	0	372
FEB	172	106	17	6	0	0	0	301
MAR	245	114	6	6	0	0	0	371
APR	49	24	3	1	0	0	0	77
MAY	107	19	1	0	0	0	0	127
JUN	298	54	4	0	0	0	0	356
JUL	353	15	0	0	0	0	0	368
AUG	362	7	0	0	0	0	0	369
SEP	219	14	0	0	0	0	0	233
OCT	DATA MISSING							
NOV	232	71	11	2	0	0	0	316
DEC	235	110	16	6	1	0	0	368
YEAR	2591	580	63	23	1	0	0	3258

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
81	0	0.4	1.1	1.8	2.9	6.0	8.0	11.1	14.0	22		3.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	2	3	4	1	4	2	3	3	5	2	3
2	1	5	3	4	2	4	2	0	3	1	0	2	2
3	0	0	2	2	1	1	0	2	4	1	2	1	1
4	3	0	5	4	3	9	6	6	3	2	3	2	4
5	1	6	2	3	0	2	1	2	2	5	3	2	2
6	4	3	2	3	1	1	2	1	2	2	4	1	2
7	0	1	2	0	3	4	2	0	0	1	0	1	1
8	1	1	0	0	2	0	0	2	0	1	3	2	1
9	3	2	0	2	0	1	2	2	0	0	1	1	1
10	2	2	2	0	0	0	1	2	2	2	0	1	1
11	0	1	0	2	0	1	2	1	3	2	0	2	1
12	0	0	0	2	3	0	2	0	2	2	0	***	1
13	2	0	3	2	6	2	3	2	2	2	3	3	3
14	2	3	5	8	2	0	5	3	3	0	0	0	3
15	3	2	0	4	0	2	0	2	0	3	2	0	2
16	0	3	0	1	1	1	0	0	3	2	0	3	1
17	0	2	0	0	1	0	0	0	0	7	0	3	1
18	0	1	3	2	2	2	2	2	0	2	0	2	1
19	3	0	0	3	3	3	2	2	0	2	0	2	2
20	0	0	3	3	3	0	0	0	0	0	0	2	1
21	2	3	2	2	0	0	2	0	0	0	2	0	1
22	2	1	2	2	0	2	0	0	0	2	2	0	1
23	2	0	2	0	0	0	2	0	0	2	0	0	1
24	0	1	0	0	2	0	3	2	0	3	0	0	1
25	2	2	0	2	2	0	0	0	2	2	0	3	1
26	1	3	0	0	2	0	2	2	3	0	2	2	1
27	0	0	2	1	0	1	2	2	3	0	1	0	1
28	0	1	2	0	1	0	3	0	3	0	0	0	1
29	0	0	0	2	0	2	0	0	0	2	1	0	1
30	2	1	0	2	2	2	0	0	0	0	0	0	1
31	2	0	3	0	0	0	1	0	0	0	0	3	1
MEAN	1	1	2	2	1	1	2	1	1	2	1	1	1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	0	2	2	1	4	2	0	3	2	2
2	2	2	0	3	2	0	****	****	****	****	****	****	****
3							- DATA MISSING -						
4	****	****	****	****	****	****	2	5	3	2	0	3	****
5	1	2	0	4	1	2	3	2	2	2	1	0	2
6	2	0	2	0	3	0	0	0	2	0	0	3	1
7	1	2	1	0	2	0	2	0	2	2	0	0	1
8	2	0	0	2	0	5	0	2	3	0	2	0	1
9	0	3	0	3	0	0	0	3	2	0	0	0	1
10	0	3	0	0	0	3	2	0	0	0	0	0	1
11	2	1	0	2	3	3	0	3	2	2	0	0	2
12	2	0	3	2	0	2	0	5	0	3	0	3	2
13	0	2	0	1	1	0	0	1	0	3	0	2	1
14	0	2	0	2	1	2	0	2	0	0	0	2	1
15	1	0	3	2	0	3	0	0	0	3	0	0	1
16	2	2	0	0	0	0	2	0	0	0	1	0	1
17	2	3	0	2	0	2	0	0	3	1	0	3	1
18	0	0	0	3	0	0	2	0	0	0	1	0	1
19	3	0	0	0	0	2	0	0	0	2	0	2	1
20	2	0	2	0	0	3	2	0	2	1	0	0	1
21	0	0	0	0	1	0	2	0	3	0	2	1	1
22	0	2	0	1	0	0	0	1	2	0	1	2	1
23	0	0	2	0	0	3	0	0	0	0	2	0	1
24	0	1	0	2	0	0	0	0	0	1	2	0	1
25	1	2	0	3	0	2	3	0	0	0	0	2	1
26	1	1	0	0	1	0	0	2	0	2	0	0	1
27	2	0	0	0	2	0	0	0	2	0	2	1	1
28	2	0	0	0	2	0	2	0	0	2	2	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH MAR 71

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	0	0	2	0	0	0	0	2	0	1
2	0	0	0	2	0	0	2	0	0	0	2	0	1
3	2	0	0	2	1	2	0	2	0	0	1	0	1
4	0	0	0	0	0	0	0	0	2	0	0	2	0
5	0	0	1	0	2	3	0	1	0	0	0	0	1
6	0	2	2	2	0	0	0	1	0	0	0	0	1
7	0	0	0	2	0	1	0	0	2	0	0	0	0
8	2	0	0	0	0	0	2	0	2	3	2	0	1
9	1	0	0	2	0	0	0	****	****	****	****	****	****
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18	****	****	****	****	****	****	1	0	3	2	0	2	****
19	0	1	1	2	0	1	2	1	0	0	0	0	1
20	1	0	0	0	1	0	2	0	1	1	2	0	1
21	1	0	1	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	1	0	0	0
23	0	1	2	1	0	0	0	2	2	1	0	0	1
24	0	0	0	1	0	0	1	0	0	0	0	0	0
25	2	1	2	0	1	0	1	0	0	2	0	0	1
26	2	2	0	0	2	0	0	0	2	0	0	1	1
27	0	0	3	0	0	0	1	0	0	0	0	0	0
28	0	2	0	1	1	0	1	0	2	1	0	0	1
29	1	0	0	2	0	0	1	0	0	0	0	0	0
30	1	0	0	2	0	0	1	0	0	0	0	0	0
31	0	0	****	****	****	****	****	****	****	****	****	****	****
MEAN	1	0	1	1	0	0	1	0	1	1	0	0	1

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH APR 71

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	****	****	****	****	****	****	****	2	3	0	4	1	****
2	2	1	1	1	0	2	0	1	1	1	0	1	1
3	3	2	0	1	0	0	1	0	0	1	0	1	1
4	0	1	1	1	1	0	1	0	0	0	0	1	1
5	2	1	0	3	0	0	1	1	2	1	0	0	1
6	0	2	2	0	2	0	0	1	1	1	0	2	1
7	0	2	0	3	0	0	****	2	2	1	0	2	1
8	1	3	2	3	3	2	2	0	5	2	0	5	2
9	7	3	3	3	2	1	2	0	2	2	1	0	2
10	0	2	0	2	1	1	1	2	1	2	2	3	1
11	2	3	2	1	2	2	2	3	2	1	3	3	2
12	2	16	3	4	9	2	3	7	4	21	7	6	7
13	3	9	7	12	3	6	3	2	2	2	0	0	4
14	1	1	2	2	2	2	5	2	1	0	2	1	2
15	5	2	2	2	2	0	2	2	4	2	3	4	3
16	2	3	2	1	2	4	1	2	9	2	3	3	3
17	2	2	4	1	2	2	2	2	1	1	0	2	2
18	2	2	3	2	1	2	3	0	1	2	1	2	2
19	3	2	6	7	2	6	4	2	5	2	5	11	4
20	3	7	5	9	4	5	3	3	2	3	3	3	4
21	0	1	0	1	2	0	1	1	1	0	0	0	1
22	1	0	0	1	0	2	0	1	1	0	1	2	1
23	2	1	2	3	0	2	****	3	1	3	1	1	2
24	2	2	1	1	2	0	2	0	0	0	1	1	1
25	0	1	0	0	1	1	0	2	1	0	0	0	1
26	1	2	0	1	2	2	1	1	2	0	1	2	1
27	2	1	1	3	2	6	3	3	1	5	5	4	3
28	3	6	2	3	2	2	2	8	2	3	2	1	3
29	1	1	1	4	2	3	3	2	0	2	3	1	2
30	1	2	1	2	2	1	4	5	2	3	3	5	3
MEAN	2	3	2	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	3	3	1	1	0	2	2	1	1	2	2
2	2	2	1	1	1	1	0	1	1	1	2	1	1
3	1	0	2	2	2	0	0	1	2	2	2	3	1
4	2	1	1	2	2	0	0	1	2	2	3	3	2
5	2	2	3	4	2	****	****	6	6	2	7	6	4
6	11	7	3	4	3	2	4	2	1	1	5	4	4
7	7	4	10	10	2	15	17	12	5	6	28	5	10
8	5	27	46	18	18	22	13	19	26	9	4	8	18
9	5	7	5	2	3	3	8	3	1	3	2	3	4
10	3	5	4	3	5	6	9	3	3	2	3	3	4
11	3	7	9	5	11	9	3	3	1	6	6	10	6
12	4	5	5	4	1	0	1	0	2	0	1	0	2
13	2	3	1	0	3	0	****	2	2	3	1	2	1
14	2	0	1	3	2	0	2	0	1	2	2	2	3
15	6	3	4	2	1	2	0	2	0	2	0	1	2
16	3	2	3	3	0	2	2	1	3	2	2	2	2
17	0	0	0	5	2	2	2	2	1	1	3	1	2
18	5	2	5	5	2	0	0	0	3	1	3	2	2
19	1	0	3	1	2	1	3	0	2	3	1	1	2
20	3	1	3	3	****	3	2	1	1	0	2	0	2
21	0	0	1	2	2	2	0	0	0	0	4	1	1
22	0	1	0	0	0	2	2	3	1	0	0	0	1
23	0	0	2	2	1	1	0	0	0	0	1	0	2
24	0	0	10	0	0	2	0	2	0	0	1	0	2
25	4	2	1	4	2	0	1	1	4	2	2	4	2
26	0	2	2	2	2	4	2	2	2	2	5	2	3
27	2	0	2	2	2	7	3	2	3	4	2	2	3
28	7	1	2	2	3	2	2	3	2	2	3	2	2
29	0	3	2	2	3	2	2	3	2	2	3	2	2
30	0	2	2	0	5	6	5	2	3	0	3	0	2
MEAN	3	3	5	3	3	3	3	3	3	2	3	2	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	4	4	3	4	3	2	3	3	4	3
2	3	0	0	2	9	2	7	7	3	3	4	5	4
3	3	5	2	2	2	2	3	3	0	0	3	4	3
4	0	2	4	4	2	2	1	3	2	2	3	0	2
5	0	3	2	2	0	0	3	2	0	0	2	3	2
6	0	2	3	2	3	****	1	2	2	2	1	3	2
7	0	2	1	3	2	0	3	2	0	1	0	1	1
8	2	2	0	0	2	0	1	2	2	0	2	0	1
9	1	2	0	0	0	1	1	2	1	2	3	0	1
10	2	1	1	0	0	1	1	1	1	2	3	0	1
11	3	8	0	5	8	10	9	2	2	7	2	2	5
12	1	4	2	2	5	9	7	2	2	2	0	3	3
13	3	1	2	7	4	4	6	4	1	0	2	3	3
14	2	2	2	4	****	0	1	2	1	0	1	2	2
15	0	2	2	2	3	3	0	3	2	3	2	4	2
16	2	1	2	0	3	3	2	5	5	2	3	3	3
17	4	2	2	6	0	5	8	5	2	6	2	2	4
18	2	2	4	3	3	4	7	2	7	2	3	6	4
19	2	2	2	0	2	0	2	1	2	2	2	3	2
20	2	2	2	0	2	0	2	1	2	2	2	3	2
21	2	2	2	1	1	0	0	5	1	0	0	0	1
22	2	3	0	14	4	****	****	****	****	****	****	****	****
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30	****	****	****	****	****	4	9	5	3	4	3	2	****
MEAN	2	3	2	3	3	3	4	3	2	2	2	2	3

PERCENTAGE OF DATA VALID - 72

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	2	3	1	0	2	2	2	3	0	1	2
2	0	2	0	0	0	0	3	2	2	2	2	0	1
3	3	2	3	0	3	0	0	3	2	6	3	2	2
4	4	0	0	0	6	2	5	1	6	5	2	2	3
5	4	2	5	2	6	4	7	2	2	11	6	4	5
6	3	2	2	3	2	2	***	1	1	1	3	3	2
7	2	5	5	4	2	3	1	2	0	1	6	4	3
8	2	6	9	5	2	1	2	1	3	3	5	2	3
9	2	1	2	1	3	0	1	2	2	0	2	5	2
10	4	2	0	2	4	2	0	0	1	2	2	2	2
11	2	5	2	0	2	2	2	4	1	8	2	4	3
12	0	3	2	2	4	2	9	7	3	2	2	0	3
13	5	2	4	2	3	3	***	1	1	1	1	0	2
14	2	2	4	0	0	0	0	1	0	1	1	1	1
15	1	2	6	2	1	0	2	2	2	3	1	2	2
16	2	1	3	0	2	0	2	0	1	1	1	0	1
17	0	0	3	2	2	0	0	0	0	1	0	3	1
18	2	0	1	0	2	0	6	4	3	2	2	0	2
19	2	2	0	0	2	0	0	0	0	0	0	0	1
20	0	2	4	2	2	1	1	***	***	***	***	***	***
21	3	2	2	4	5	7	5	3	1	2	4	5	4
22	3	2	6	6	4	3	5	5	2	1	2	1	3
23	1	2	2	5	2	4	3	2	1	1	7	3	3
24	3	1	3	4	7	3	2	1	5	2	7	6	4
25	2	2	0	2	2	2	2	2	1	2	3	2	2
26	0	3	2	3	2	2	2	2	1	0	2	2	2
27	0	2	2	2	2	0	0	1	2	0	6	0	2
28	3	2	6	2	4	***	2	2	2	0	1	0	2
29	4	0	0	2	1	2	2	0	4	0	0	2	1
30	5	4	4	4	4	5	3	3	4	2	4	4	4
31	2	2	2	0	4	2	0	0	0	2	0	4	2
MEAN	2	2	3	2	3	2	2	2	2	2	3	2	2

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	4	2	3	1	3	3	0	0	7	2	3	3
2	5	0	5	2	2	2	0	2	0	4	5	4	3
3	3	1	3	6	2	2	0	0	2	2	0	1	2
4	0	0	1	5	12	2	3	3	1	2	0	2	3
5	0	3	2	7	0	2	***	5	4	6	2	2	2
6	5	2	3	3	2	0	2	2	2	0	1	2	1
7	3	0	3	1	0	2	0	0	1	2	2	2	2
8	0	2	5	2	3	2	3	2	4	2	4	3	3
9	2	0	5	5	3	2	3	2	4	2	4	3	3
10	3	3	3	4	3	0	5	0	5	3	2	2	3
11	0	0	1	5	2	2	0	3	0	2	0	2	1
12	0	0	2	2	1	3	0	2	0	0	5	0	1
13	2	2	0	2	0	2	3	2	3	0	2	2	2
14	5	0	0	3	3	2	2	2	2	2	0	1	2
15	5	0	6	2	3	2	3	2	3	1	0	3	3
16	3	4	2	5	3	0	2	0	3	2	5	2	3
17	5	2	3	5	***	3	9	8	2	2	6	3	4
18	3	3	6	9	1	3	3	8	2	2	4	4	5
19	3	3	5	2	3	0	3	2	4	2	2	5	3
20	2	3	2	2	3	2	0	3	0	3	2	7	2
21	2	7	5	2	2	4	0	0	3	0	0	2	2
22	0	2	0	1	0	0	0	6	5	2	2	0	2
23	4	***	0	3	2	2	0	2	1	2	0	4	2
24	0	0	7	2	2	0	2	1	0	1	2	0	1
25	0	3	3	2	3	5	2	0	2	3	6	3	3
26	5	3	2	3	2	***	2	2	2	3	0	0	2
27	0	3	5	1	5	2	2	1	2	0	2	2	2
28	3	3	2	5	0	2	0	2	0	2	2	0	2
29	0	0	0	0	0	0	0	2	0	2	0	3	1
30	0	3	4	6	2	3	0	3	0	2	0	0	2
31	2	1	3	5	0	2	0	0	0	6	1	0	2
MEAN	2	2	3	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	5	0	3	****	5	2	2	0	2	1	2
2	3	2	0	3	4	3	5	3	3	4	2	3	3
3	5	0	2	2	0	2	2	1	2	3	4	3	2
4	5	2	3	0	2	2	0	0	0	0	2	2	2
5	0	2	0	0	2	2	0	0	1	3	0	3	1
6	3	2	2	2	3	0	0	0	3	0	5	3	2
7	2	2	0	2	2	2	0	2	2	0	3	2	2
8	0	0	2	2	2	7	0	***	0	0	3	0	1
9	0	2	0	2	2	0	3	0	2	0	0	5	1
10	0	2	4	2	2	0	2	0	3	2	4	2	2
11	3	1	1	0	3	1	0	1	1	3	0	1	1
12	0	5	0	1	0	3	2	0	3	1	0	2	1
13	2	0	3	0	3	2	0	3	1	0	0	0	1
14	0	0	3	3	2	5	0	***	3	2	3	2	2
15	6	0	5	3	5	1	5	0	0	0	3	2	3
16	0	2	2	9	3	4	2	2	2	3	1	2	3
17	3	3	0	1	2	3	3	3	6	2	0	2	2
18	1	0	2	3	0	5	2	2	2	2	2	4	2
19	0	7	0	3	2	2	2	2	0	2	3	3	3
20	2	3	7	3	4	2	2	2	0	2	0	2	2
21	2	0	1	5	2	0	1	0	3	2	0	2	2
22	2	3	2	7	7	8	2	4	3	4	5	6	4
23	9	5	2	2	1	2	2	2	2	2	2	2	3
24	3	5	0	2	1	0	2	1	0	0	1	4	1
25	2	2	2	0	0	1	0	3	0	2	1	4	1
26	2	1	2	1	0	3	2	2	1	2	6	2	2
27	2	2	2	3	0	2	2	2	1	0	2	2	2
28	1	2	2	5	3	2	3	5	0	1	2	1	1
29	2	0	2	0	0	3	0	1	0	2	2	****	1
30							- DATA MISSING -						
MEAN	2	2	2	2	2	2	2	2	2	1	2	2	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15	****	****	****	****	****	15	8	13	10	17	11	10	****
16	14	12	9	16	4	6	11	9	7	12	14	10	10
17	17	12	5	8	11	12	9	11	9	19	6	8	11
18	7	4	4	16	12	7	7	7	10	5	4	5	7
19	3	2	8	7	7	****	****	****	****	****	****	****	****
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27	****	****	****	****	****	****	****	3	7	8	9	5	****
28	2	2	5	7	2	4	2	6	2	4	4	7	4
29	3	2	3	4	3	5	4	5	2	2	2	2	3
30	2	5	7	9	10	12	11	9	7	6	5	4	7
31	2	2	4	3	6	4	2	2	3	2	2	0	3
MEAN	6	5	6	9	7	8	7	7	6	8	6	6	7

PERCENTAGE OF DATA VALID - 27

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH NOV 71

STATION	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	4	10	7	0	4	9	8	6	7	10	6
2	4	2	1	8	1	2	2	2	1	3	3	2	3
3	1	3	2	6	2	4	0	3	2	3	1	2	2
4	3	2	2	3	2	2	1	2	3	0	4	2	2
5	4	3	3	12	10	****	2	3	6	4	5	4	5
6	2	4	4	2	3	5	3	2	0	5	2	3	3
7	0	2	0	2	1	1	2	2	2	2	12	1	1
8	0	4	5	5	4	5	2	7	6	5	8	5	7
9	7	12	5	12	9	3	6	3	7	7	3	7	3
10	3	6	0	6	****	7	3	1	2	0	3	0	3
11	2	1	4	4	4	4	5	3	7	5	7	4	4
12	9	8	7	19	7	9	5	5	9	13	9	15	10
13	15	13	12	14	6	4	3	3	4	5	5	1	7
14	3	2	3	5	5	4	1	0	2	3	6	3	3
15	3	0	3	3	10	13	3	11	3	5	2	5	5
16	5	2	3	5	3	5	3	7	3	4	2	7	4
17	5	7	2	11	9	10	****	5	9	9	13	20	9
18	21	15	11	14	17	10	9	10	9	6	3	4	11
19	4	4	3	8	4	2	0	2	7	1	2	2	3
20	2	0	2	2	6	3	3	5	7	4	3	2	3
21	5	3	3	4	1	1	1	1	0	1	1	0	2
22	4	1	1	1	2	0	2	1	4	0	2	1	2
23	4	7	3	21	11	3	4	4	2	4	4	8	6
24	6	4	7	5	14	12	7	6	7	8	5	7	7
25	7	4	0	9	10	****	2	2	9	11	7	4	6
26	5	7	4	11	9	7	6	9	16	5	5	4	7
27	5	6	9	11	7	3	6	5	7	4	4	3	6
28	2	6	2	1	4	2	4	4	1	2	1	1	3
29	6	7	6	4	6	4	9	6	6	3	0	8	5
30	2	0	1	2	2	1	3	2	2	3	1	4	2
MEAN	5	5	4	7	6	5	3	4	5	4	4	5	5

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH DEC 71

STATION	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	1	1	3	3	3	3	3	4	2	1	1	3
2	5	6	7	10	10	5	2	2	2	6	4	3	5
3	2	4	1	6	6	5	7	5	5	6	2	2	4
4	1	6	3	3	6	1	7	2	2	4	6	5	4
5	4	3	7	5	2	2	4	1	4	9	9	5	5
6	7	5	3	7	6	4	5	6	2	4	5	6	5
7	7	4	6	6	4	4	4	1	9	7	2	2	5
8	0	1	2	4	4	4	****	6	6	2	6	10	4
9	4	8	5	12	8	6	5	7	5	6	5	11	7
10	7	5	8	4	10	12	11	2	4	5	0	3	6
11	0	2	2	1	2	2	1	0	5	3	4	2	2
12	3	7	6	7	10	4	6	3	2	4	4	5	5
13	2	2	5	3	2	0	6	2	5	4	3	3	7
14	6	8	4	13	10	8	4	9	9	5	3	4	7
15	5	8	7	8	3	6	8	****	2	0	3	2	3
16	1	2	5	2	4	5	4	2	2	4	2	2	3
17	3	3	4	6	7	3	2	4	3	3	2	2	4
18	0	1	0	3	4	3	2	1	2	2	2	3	2
19	2	2	0	3	4	3	5	4	5	5	2	2	3
20	4	3	4	4	6	6	4	5	7	5	4	6	5
21	9	5	2	4	7	****	3	4	3	3	3	0	4
22	2	2	0	2	0	3	4	6	4	4	3	8	3
23	5	7	11	19	17	13	5	8	7	7	3	6	9
24	5	5	2	5	3	7	2	0	2	3	0	2	3
25	3	0	2	3	2	2	5	2	2	4	1	2	4
26	7	11	12	4	2	5	3	2	0	7	1	4	4
27	1	2	2	2	2	3	2	2	2	1	0	2	2
28	2	3	2	2	****	4	2	7	3	3	2	0	3
29	0	3	2	2	13	19	5	6	2	0	4	2	9
30	2	20	10	20									
31	0	4	3	12	13	5	3	2	8	7	7	5	6
MEAN	3	5	4	6	6	5	4	4	4	4	3	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1	4	9
FEB	27	1	2	5
MAR	23	1	1	3
APR	30	2	7	21
MAY	31	3	18	46
JUN	23	3	5	14
JUL	31	2	5	11
AUG	31	2	5	12
SEP	29	2	4	9
OCT	10	7	11	19
NOV	30	5	11	21
DEC	31	4	9	20
YEAR	327	3	18	46

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	358	13	0	0	0	0	0	371
FEB	309	3	0	0	0	0	0	312
MAR	255	0	0	0	0	0	0	255
APR	319	28	2	1	1	0	0	351
MAY	308	46	5	4	4	0	1	368
JUN	228	33	1	0	0	0	0	262
JUL	321	42	1	0	0	0	0	364
AUG	318	49	1	0	0	0	0	368
SEP	314	30	0	0	0	0	0	344
OCT	38	43	15	5	0	0	0	101
NOV	211	116	23	4	2	0	0	356
DEC	226	125	12	5	0	0	0	368
YEAR	3205	528	60	19	7	0	1	3820

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87	0	0.3	0.8	1.5	2.4	5.3	7.1	10.5	13.0	46	2.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	4	3	6	6	2	2	6	7	2	5	4
2	2	7	6	6	2	6	1	2	1	0	0	5	3
3	2	0	1	2	0	2	3	2	2	3	5	7	2
4	5	5	7	8	8	9	***	2	8	2	2	2	5
5	3	0	7	0	2	0	0	2	3	3	3	2	2
6	6	4	7	4	3	5	2	3	5	2	4	1	4
7	3	2	2	6	2	2	0	1	0	2	3	5	2
8	3	2	3	2	3	3	2	3	3	10	7	9	4
9	3	3	5	6	7	5	4	3	7	8	10	7	6
10	10	11	3	6	2	3	5	5	4	5	3	2	5
11	7	5	5	6	2	0	2	3	5	4	3	3	4
12	2	0	2	2	2	1	2	3	2	3	6	5	2
13	5	2	2	3	9	5	8	6	3	9	3	5	5
14	8	5	11	10	4	2	2	5	3	4	3	2	5
15	1	2	3	1	2	2	7	0	4	2	0	3	2
16	2	7	2	4	5	1	1	2	2	2	2	3	3
17	8	6	2	2	7	1	2	0	2	2	2	3	3
18	2	4	0	4	5	6	2	2	2	6	3	1	3
19	6	7	1	5	7	3	2	4	3	3	5	3	4
20	3	2	6	3	1	2	0	4	2	2	2	2	2
21	2	2	7	2	2	2	2	3	0	3	2	0	2
22	3	3	4	3	9	4	3	5	6	5	4	7	5
23	14	4	2	3	0	1	2	3	1	0	4	3	3
24	4	4	0	4	4	5	6	2	1	2	0	3	3
25	3	4	2	5	4	2	2	5	5	8	9	9	3
26	8	3	4	3	5	4	2	0	3	0	3	0	3
27	0	2	1	2	0	3	1	3	2	5	2	2	2
28	0	2	1	3	5	2	5	1	1	2	3	4	2
29	1	2	5	2	2	3	1	5	4	3	13	6	4
30	2	2	0	4	0	0	2	2	0	0	0	0	1
31	2	2	2	1	1	2	2	1	2	5	0	2	2
MEAN	4	3	3	4	4	3	3	3	3	4	3	4	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	5	3	3	5	5	2	3	5	3	5	4	4
2	0	4	3	6	2	3	4	3	1	4	3	4	3
3	3	6	3	7	6	8	5	4	5	6	12	26	8
4	14	3	6	15	8	7	5	11	6	3	5	3	7
5	7	0	5	5	2	4	4	0	3	2	2	2	3
6	2	1	5	4	2	6	4	8	5	0	6	9	4
7	2	6	2	2	9	3	4	2	2	4	2	2	3
8	4	2	3	3	2	2	2	3	1	1	6	2	3
9	1	0	0	5	2	3	1	2	1	2	3	0	2
10	3	2	2	4	7	4	2	***	***	***	***	***	***
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15	****	****	****	****	****	0	3	2	0	0	5	2	****
16	0	2	0	0	0	4	3	2	3	2	2	3	2
17	3	2	3	3	5	2	2	3	1	0	5	1	3
18	0	2	0	2	5	2	4	4	0	2	0	2	2
19	3	3	0	2	4	3	1	0	0	5	0	3	2
20	2	3	1	2	0	2	9	3	2	3	3	0	3
21	0	0	3	0	0	0	2	0	2	0	0	0	1
22	2	3	0	3	0	0	4	3	4	1	2	0	2
23	2	0	0	3	0	0	0	1	4	2	0	3	2
24	0	2	0	3	2	2	0	3	3	1	2	2	3
25	2	2	3	3	4	2	4	6	0	5	3	7	3
26	5	2	5	6	2	9	3	2	0	3	4	0	3
27	5	3	5	0	0	2	2	0	0	0	0	2	2
28	0	0	0	2	2	0	2	2	2	2	0	2	1
MEAN	3	3	2	4	3	3	3	3	2	2	3	3	3

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	3	2	4	1	2	2	1	3	2	2
2	3	2	1	3	1	2	2	1	0	0	2	0	1
3	0	0	1	2	2	3	0	1	2	2	1	3	1
4	2	2	2	4	1	2	3	2	0	1	2	3	2
5	0	1	4	1	2	1	0	2	2	3	1	4	2
6	2	5	5	5	1	1	1	2	2	2	2	1	3
7	3	5	2	1	2	1	2	1	2	4	0	0	2
8	3	0	0	0	0	0	0	2	2	1	0	2	1
9	1	4	0	0	0	3	2	3	1	4	2	1	3
10	3	3	2	4	4	3	2	3	2	1	4	1	3
11	2	3	2	2	2	0	2	1	2	0	2	2	2
12	2	3	3	4	3	1	2	0	2	1	0	4	2
13	4	2	3	2	4	4	0	0	2	4	0	2	2
14	0	3	3	5	2	2	4	0	2	5	3	4	3
15	3	5	2	3	1	0	2	2	0	2	2	2	2
16	4	0	0	1	2	2	0	0	2	0	1	0	1
17	0	2	3	0	3	0	2	1	2	2	0	1	1
18	2	1	4	0	0	0	****	1	1	2	2	2	1
19	2	0	4	3	4	2	2	0	2	5	2	3	3
20	3	2	2	0	2	3	2	2	0	1	2	1	2
21	2	0	0	2	0	0	0	0	0	0	2	2	1
22	6	1	2	0	0	1	2	2	0	3	2	0	2
23	0	3	0	0	3	2	2	0	0	0	1	2	1
24	3	0	0	0	2	2	0	1	0	1	2	3	1
25	3	2	0	2	2	4	1	0	2	0	2	0	2
26	2	2	2	3	3	0	3	0	1	2	2	1	2
27	2	2	2	0	1	0	1	0	2	0	0	0	1
28	2	2	0	2	0	3	2	2	2	0	0	2	1
29	0	2	2	0	0	2	0	3	0	0	3	0	1
30	3	1	1	0	0	0	3	0	0	3	2	3	1
31	2	4	2	2	0	0	3	2	0	2	0	7	2
MEAN	2	2	2	2	2	2	2	1	1	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	0	2	1	2	****	4	3	3	1	2	2
2	1	2	2	2	0	2	0	1	0	1	0	1	1
3	2	4	0	2	1	2	0	1	1	2	1	2	2
4	2	3	1	1	0	2	1	1	0	1	1	2	1
5	3	4	4	2	1	1	1	1	2	2	1	2	2
6	1	3	2	1	1	1	2	1	2	3	2	3	2
7	1	2	1	1	0	1	1	2	1	1	1	3	1
8	2	1	2	2	2	1	2	1	2	0	3	2	2
9	3	4	2	1	0	1	2	1	0	2	0	1	2
10	2	0	0	0	0	1	1	0	1	2	2	1	1
11	2	2	3	2	0	0	1	2	1	1	6	2	2
12	4	5	3	2	1	2	0	2	3	4	2	3	3
13	4	3	2	1	1	2	1	2	0	2	2	2	2
14	1	1	0	1	1	0	0	1	2	0	1	0	1
15	1	2	3	2	****	****	****	****	****	****	****	****	****
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23	****	****	****	****	****	****	****	0	0	2	1	0	****
24	0	3	0	0	0	0	0	0	1	0	0	0	0
25	0	1	2	0	2	0	2	0	1	0	0	2	1
26	3	0	1	0	0	0	0	1	0	0	0	0	0
27	0	3	1	0	0	2	2	0	2	2	0	3	1
28	0	1	1	2	0	3	3	4	2	4	0	2	2
29	2	0	0	1	2	2	2	3	0	0	2	2	1
30	0	0	2	0	2	0	0	1	1	2	2	3	1
MEAN	2	2	1	1	1	1	1	1	1	2	1	2	1

PERCENTAGE OF DATA VALID - 72

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

MONTH MAY 71

STATION - JOHN/BURLINGTON HAMILTON	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	5	5	2	0	2	0	2	2	0	3	3	2
2	2	3	2	0	3	0	0	2	2	0	0	1	1
3	0	2	1	2	2	0	2	0	0	0	2	0	1
4	0	2	1	0	2	0	2	0	2	3	2	0	1
5	4	5	5	5	***	***	2	2	0	2	2	2	3
6	4	6	2	1	2	1	2	2	1	1	2	3	2
7	2	2	2	3	1	1	1	1	0	1	7	5	2
8	4	2	2	0	0	1	1	2	1	2	2	1	2
9	3	***	***	***	***	***	***	***	***	***	***	***	***
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13	***	***	***	***	***	***	***	0	0	0	0	0	***
14	1	2	0	1	0	2	2	1	1	2	0	2	1
15	2	3	2	2	2	4	3	1	0	2	0	2	2
16	2	0	2	3	2	0	2	2	0	2	1	1	1
17	0	2	3	2	1	2	0	0	2	2	2	2	2
18	3	3	0	2	0	0	0	3	0	0	1	1	1
19	2	2	2	2	2	1	0	2	2	0	2	3	2
20	2	1	2	0	0	0	1	0	0	0	2	2	1
21	2	2	1	0	1	2	2	2	1	0	0	0	1
22	1	0	3	0	1	0	2	0	0	2	0	1	1
23	0	0	1	0	1	1	2	2	2	2	0	1	1
24	2	0	2	1	1	1	0	1	0	2	2	3	1
25	0	4	6	2	0	0	1	2	0	1	1	2	2
26	1	***	1	2	2	2	***	***	***	***	***	***	***
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	2	2	2	1	1	1	1	1	1	1	1	2	1

PERCENTAGE OF DATA VALID - 66

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

MONTH JUN 71

STATION - JOHN/BURLINGTON HAMILTON	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7	***	***	***	***	***	***	***	4	2	1	5	1	***
8	1	2	3	5	1	1	4	2	2	3	2	3	2
9	6	3	2	2	4	2	2	6	3	4	3	2	3
10	9	2	2	3	3	3	3	3	2	0	5	1	3
11	6	2	0	6	6	5	6	3	6	5	4	8	5
12	4	2	5	7	12	9	9	2	0	3	2	2	5
13	5	2	4	2	9	2	5	10	2	2	3	3	4
14	5	2	4	3	8	***	2	2	0	3	2	2	3
15	1	3	2	0	2	0	3	1	0	1	3	2	2
16	4	0	3	2	2	1	2	2	2	0	2	2	2
17	1	5	2	3	1	2	0	2	2	0	3	5	2
18	3	4	5	4	3	3	2	2	2	2	3	3	3
19	3	5	6	4	3	4	3	2	5	1	5	3	4
20	3	1	3	3	2	1	2	2	1	0	2	2	2
21	1	2	1	0	1	0	0	0	2	1	0	2	1
22	2	2	0	2	0	***	0	2	2	0	3	3	1
23	3	2	1	3	0	4	3	5	3	3	2	2	3
24	0	2	4	4	3	1	1	2	0	3	2	2	2
25	0	2	2	2	0	4	2	2	3	2	2	2	2
26	2	2	2	1	3	2	2	0	2	0	3	2	2
27	4	3	1	2	0	2	2	2	1	2	3	2	2
28	2	2	2	1	2	4	2	3	2	3	4	1	2
29	2	2	2	0	0	2	3	2	0	1	2	2	2
30	2	1	1	3	2	***	0	2	0	1	0	2	1
MEAN	3	2	2	3	3	3	3	3	2	2	3	2	2

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

HOUR DAY	STATION - JOHN/BURLINGTON				HAMILTON				NO 29013				MONTH JUL 71				MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	2	4	6	8	
1	1	4	2	1	0	2	0	0	2	0	1	1	1	4	2	1	1
2	0	2	2	0	2	2	0	2	0	2	2	0	1	2	2	0	1
3	2	2	0	2	1	0	0	0	0	0	0	3	2	2	0	3	1
4	3	1	4	1	1	2	1	2	2	2	2	2	2	1	4	2	2
5	2	1	2	0	2	0	2	0	0	0	4	3	2	2	2	0	2
6	2	2	2	1	0	2	0	2	2	2	2	2	2	2	2	2	2
7	1	4	3	2	0	1	2	2	2	1	2	2	2	2	2	2	3
8	5	6	3	2	3	3	0	1	0	0	2	2	2	2	2	2	1
9	2	0	2	2	0	0	0	3	2	2	3	2	2	2	2	2	1
10	1	1	2	2	0	0	0	3	0	2	3	2	2	2	2	2	1
11	0	0	1	2	0	1	0	2	1	0	2	2	1	0	2	2	1
12	0	0	2	2	4	2	0	2	2	1	2	2	2	1	2	2	2
13	0	2	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	1	4	5	2	4	1	0	2	3	2	2	5	1	2	2	1	3
16	2	4	2	5	2	2	2	1	2	2	0	3	2	2	2	2	2
17	4	3	2	1	2	0	2	0	0	1	1	2	2	2	2	2	2
18	0	4	1	2	2	0	2	2	16	15	14	2	2	2	2	2	14
19	16	16	14	18	20	15	12	15	16	15	14	6	2	2	2	2	2
20	2	2	2	3	2	2	3	0	0	3	2	6	2	2	2	2	2
21	6	5	3	2	2	5	2	2	2	2	2	1	3	3	3	3	3
22	7	2	3	5	3	2	2	2	0	3	2	3	2	2	2	2	2
23	5	2	3	2	2	2	2	0	0	2	4	2	2	2	2	2	2
24	3	0	2	7	3	2	0	8	2	7	8	3	2	2	2	2	2
25	3	0	2	1	3	0	2	2	0	3	2	1	2	2	2	2	2
26	3	2	3	0	5	2	0	2	2	2	11	17	2	2	2	2	4
27	13	13	18	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28																	
29																	
30																	
31																	
MEAN	3	3	3	3	3	2	1	2	2	2	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

HOUR DAY	STATION - JOHN/BURLINGTON				HAMILTON				NO 29013				MONTH OCT 71				MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	2	4	6	8	
1																	
2																	
3																	
4																	
5																	
6																	
7	****	****	****	****	****	****	****	****	0	3	0	2	****	****	****	****	****
8	1	3	0	4	3	0	0	2	0	2	2	3	2	3	4	2	2
9	3	3	2	0	2	2	0	1	0	0	3	0	2	3	4	2	2
10	2	0	2	0	3	3	2	2	4	2	3	0	2	3	0	2	2
11	2	1	2	1	1	2	1	1	0	1	1	0	2	1	0	2	1
12	3	2	2	2	6	3	4	2	1	3	6	2	2	3	5	4	2
13	3	3	7	4	2	3	2	3	3	2	2	2	2	2	2	2	4
14	1	2	4	6	4	3	2	2	2	2	7	8	2	2	4	4	4
15	0	4	2	9	4	0	3	5	2	2	0	0	2	2	0	3	1
16	3	6	2	0	0	0	4	0	2	0	0	2	2	2	0	1	1
17	0	2	3	4	6	3	2	2	2	3	4	0	2	3	4	0	3
18	1	2	4	3	2	****	3	2	2	3	1	1	2	2	2	2	2
19	4	4	7	10	1	3	4	6	2	2	8	4	2	2	2	2	5
20																	
21	6	3	6	10	9	12	6	3	2	3	2	2	5	4	2	3	5
22	2	5	3	5	6	7	3	0	3	5	4	3	2	4	4	4	4
23	2	4	2	3	3	1	0	3	0	2	2	0	2	4	2	2	2
24	0	2	0	0	0	7	0	0	0	0	0	0	2	0	0	0	1
25	2	1	0	2	2	2	0	2	2	5	3	3	2	2	2	2	2
26	2	4	0	6	4	3	****	1	3	8	2	1	2	3	1	3	3
27	2	2	5	1	2	2	2	3	1	6	0	3	2	2	0	2	2
28	4	1	0	2	3	4	2	1	0	1	2	2	2	2	2	2	2
29	0	5	4	6	5	6	3	3	2	1	2	2	2	2	2	2	4
30	4																
31	2	3	0	3	2	2	0	2	2	0	2	0	2	2	0	2	2
MEAN	2	3	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	2	0	3	4	3	2	3	3	0	2
2	2	0	1	0	2	2	1	1	0	0	0	2	1
3	2	1	3	0	2	2	1	2	2	2	0	1	2
4	3	1	2	0	0	****	0	0	3	2	1	0	1
5	2	0	2	5	8	3	0	6	0	0	3	3	3
6	0	0	1	2	1	2	3	2	3	3	2	3	2
7	1	0	2	0	2	0	0	5	1	0	0	1	1
8	2	4	2	2	2	3	0	0	1	1	3	5	2
9	3	7	5	7	4	6	7	2	8	4	2	2	5
10	2	2	3	0	1	0	2	****	4	2	2	2	2
11	1	2	0	4	3	2	2	4	0	5	5	3	3
12	3	2	0	5	5	4	2	4	1	3	6	5	3
13	3	6	3	3	4	1	6	2	2	1	2	0	3
14	0	0	3	2	2	6	1	0	2	0	3	2	2
15	0	2	4	4	5	4	3	5	2	2	5	2	3
16	0	2	1	2	0	2	3	4	2	0	4	3	2
17	2	6	4	4	***	3	3	4	4	7	8	9	5
18	9	7	4	7	12	4	2	5	3	2	1	6	5
19	2	1	2	2	3	2	0	1	1	1	2	2	2
20	1	2	2	4	2	3	2	1	4	4	2	0	2
21	3	1	3	1	0	0	0	0	0	1	1	0	1
22	0	0	0	0	2	0	0	1	2	2	2	2	1
23	2	2	0	6	2	1	2	1	2	1	2	2	2
24	2	1	0	2	4	4	2	2	4	0	4	3	2
25	2	3	1	2	2	0	1	2	3	2	1	2	2
26	2	2	3	3	2	4	4	2	2	2	2	1	2
27	1	2	4	2	4	2	3	2	3	2	2	2	2
28	0	2	3	1	2	0	1	2	2	0	2	0	1
29	2	0	2	3	2	2	3	0	2	1	0	1	2
30	0	3	1	2	0	0	2	1	0	1	2	2	1
MEAN	2	2	2	3	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	1	2	2	2	2	2	4	2	2	1	2
2	2	2	1	3	4	0	1	1	1	2	2	1	2
3	1	2	1	2	1	3	2	2	1	0	2	1	2
4	0	1	0	2	2	1	0	0	0	2	0	2	1
5	2	2	2	1	0	1	3	0	0	3	2	3	2
6	3	1	4	2	2	1	0	4	3	0	4	2	2
7	5	1	2	2	4	2	0	1	2	2	1	2	2
8	2	0	0	2	2	1	1	2	2	4	2	6	3
9	2	2	3	6	2	1	2	2	2	6	4	6	3
10	2	2	2	2	2	2	3	0	3	0	0	0	2
11	2	1	0	2	0	0	2	1	1	2	2	1	1
12	1	3	3	2	4	2	2	2	2	4	2	4	3
13	0	2	1	3	2	1	0	0	0	2	2	1	1
14	2	2	3	4	5	1	0	3	3	1	2	0	2
15	2	3	1	2	2	2	3	2	2	1	0	2	2
16	0	0	1	2	1	2	0	2	0	2	2	2	1
17	0	2	2	2	2	1	3	0	1	2	0	2	1
18	0	0	0	2	1	0	2	0	2	0	1	0	1
19	1	2	2	0	2	2	1	2	2	3	0	1	1
20	2	2	0	5	2	2	2	2	2	2	1	3	2
21	2	4	2	1	4	1	0	0	0	0	0	1	1
22	2	0	2	2	****	2	2	2	2	2	3	1	2
23	3	3	4	6	8	3	2	2	2	4	2	3	4
24	2	2	1	0	2	0	2	1	2	0	2	0	1
25	0	2	1	0	0	2	0	1	1	0	0	2	1
26	2	4	3	1	0	2	2	2	1	0	1	2	2
27	2	3	2	2	2	2	2	0	2	1	4	0	2
28	0	1	0	1	2	0	0	0	2	1	0	2	1
29	2	0	2	2	0	1	0	0	2	0	3	2	1
30	3	2	6	14	8	0	2	3	2	2	1	1	4
31	3	2	5	3	6	2	0	1	5	2	8	0	3
MEAN	2	2	2	3	2	1	1	1	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	6	14
FEB	24	3	8	26
MAR	31	2	3	7
APR	23	1	3	6
MAY	23	1	3	7
JUN	24	2	5	12
JUL	27	3	14	20
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT	25	2	5	12
NOV	30	2	5	12
DEC	31	2	4	14
YEAR	269	2	14	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	269	98	4	0	0	0	0	371
FEB	224	49	4	0	1	0	0	278
MAR	361	10	0	0	0	0	0	371
APR	258	2	0	0	0	0	0	260
MAY	240	9	0	0	0	0	0	249
JUN	245	32	1	0	0	0	0	278
JUL	277	18	10	7	0	0	0	312
AUG	DATA MISSING							
SEP	DATA MISSING							
OCT	250	38	1	0	0	0	0	289
NOV	323	33	1	0	0	0	0	357
DEC	356	14	1	0	0	0	0	371
YEAR	2803	303	22	7	1	0	0	3136

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85	0	0.3	0.9	1.4	2.1	4.1	5.6	7.7	9.8	26	2.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5	****	****	****	****	****	****	****	3	9	8		5	****
6	6	6	9	6	11	7	5	2	8	9	6	3	7
7	7	5	6	14	5	2	3	6	9	4	10	0	6
8	9	6	9	17	7	5	3	9	15	14	10	14	10
9	5	9	6	12	9	9	6	6	5	8	13	11	8
10	11	9	7	4	3	2	2	7	10	2	10	5	6
11	7	7	13	7	9	5	10	10	3	2	7	2	7
12	6		6	6	9	9	3	7	6	13	14	11	8
13								11	6	5	7	7	7
14	9	17	7	12	6	3	0	7	3	2	7	6	7
15	2	2	8	10	6	3	11	3	2	3	1	5	5
16	5	0	3	9	7	4	0	4	0	5	5	4	4
17	3	6	9	3	7	2	4	2	3	2	2	5	4
18	2	7	0	5	3	****	****	****	****	****	****	****	****
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25	****	****	****	****	****	****	****	7	11	6	10	11	****
26	11	9	3	9	7	3	4	4	2	4	0	3	5
27	2	5	2	9	4	2	1	3	3	5	9	14	5
28	9	16	20	18	8	5	4	1	2	3	3	5	8
29	5	6	6	6	3	5	5	8	7	5	10	9	6
30	4	6	5	3	4	0	6	2	3	3	2	0	3
31	0	2	2	3	2	2	1	4	3	2	5	7	3
MEAN	5	7	7	8	6	4	4	5	6	5	7	6	6

PERCENTAGE OF DATA VALID - 61

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	4	2	8	8	3	2	6	3	4	4	1	4
2	2	3	5	6	5	3	12	6	5	6	17	4	6
3	5	6	8	12	9	4	6	3	14	12	12	13	9
4	8	8	15	16	12	14	14	15	12	11	11	12	12
5	7	12	10	10	3	6	1	6	5	4	3	4	6
6	2	3	3	0	3	6	5	4	5	5	6	11	4
7	6	13	8	9	7	9	6	2	0	6	6	7	7
8	2	2	3	2	5	3	0	3	7	3	0	5	3
9	1	1	4	9	6	5	3	2	2	3	5	6	4
10	2	5	5	17	6	0	****	****	3	7	10	6	6
11	5	9	9	11	6	9	11	9	8	10	9	5	8
12	4	3	5	12	7	7	12	9	6	6	2	4	6
13	4	0	2	2	2	0	0	3	0	2	4	2	2
14	3	0	2	4	2	3	4	2	3	2	3	2	3
15	7	7	4	11	3	6	4	5	3	3	5	5	5
16	4	6	0	3	6	2	5	5	5	4	7	3	4
17	8	5	11	11	14	14	9	9	9	5	5	5	9
18	4	5	5	5	9	5	5	9	3	7	10	7	6
19	2	5	0	3	8	3	6	8	7	8	9	7	6
20	14	4	2	2	3	8	11	4	4	2	4	2	5
21	3	7	0	2	0	2	5	1	3	0	2	1	2
22	2	5	7	9	7	8	9	13	13	17	19	17	10
23	9	8	3	7	5	3	3	3	2	5	2	3	5
24	2	0	2	2	5	3	3	3	5	9	7	4	4
25	3	5	7	8	14	5	6	5	5	11	9	17	8
26	15	13	9	12	13	19	9	4	3	5	11	11	10
27	13	5	4	3	2	2	1	4	5	3	2	3	4
28	0	0	0	2	2	0	2	0	2	2	0	2	1
MEAN	5	5	5	7	6	5	5	5	5	6	7	6	6

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	3	3	3	3	5	0	5	4	7	3	3
2	5	3	6	11	7	2	7	3	2	3	1	3	4
3	0	0	2	2	2	2	0	0	2	3	2	2	1
4	1	2	2	4	3	3	5	8	7	3	8	5	4
5	1	1	1	9	7	3	4	5	5	5	5	5	5
6	13	8	7	9	9	5	5	5	11	6	0	11	8
7	8	6	5	2	0	3	0	2	0	5	0	2	3
8	0	0	2	9	2	3	0	3	3	0	3	3	2
9	3	5	2	9	3	5	2	5	0	2	3	3	4
10	9	11	9	13	7	4	9	7	6	9	9	7	8
11	14	0	3	8	5	0	3	7	3	3	7	5	5
12	3	6	10	18	11	14	6	1	5	5	3	2	7
13	2	11	6	7	6	6	7	6	12	17	10	10	8
14	7	9	10	6	5	11	6	7	2	6	6	11	7
15	9	7	3	5	6	2	3	0	2	4	2	3	4
16	4	4	3	4	4	3	5	4	1	2	2	4	3
17	3	2	6	9	1	2	2	2	2	2	0	7	3
18	2	5	7	19	8	5	3	2	7	5	11	10	7
19	14	19	10	10	10	11	9	13	5	3	2	3	9
20	6	3	7	2	5	4	2	4	5	6	4	3	4
21	2	2	3	3	2	1	2	0	0	1	1	2	2
22	3	3	4	6	6	2	2	4	0	5	1	7	4
23	7	2	5	12	8	4	4	6	2	0	4	2	4
24	4	6	5	12	2	4	4	5	0	3	3	3	4
25	2	2	7	5	5	0	6	2	5	3	2	6	4
26	0	2	0	3	3	5	3	3	4	2	3	7	3
27	7	2	2	5	5	2	7	3	1	5	5	4	4
28	2	11	6	6	6	4	8	2	2	6	5	5	5
29	3	5	2	7	7	2	5	3	6	5	2	3	4
30	2	7	2	5	3	7	3	4	3	3	3	5	4
31	4	3	11	15	3	0	3	1	11	13	5	0	6
MEAN	5	5	5	8	5	4	4	4	4	4	4	5	5

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	5	3	5	7	13	11	9	9	3	5	3	7
2	2	2	2	5	2	4	3	0	3	2	2	2	2
3	7	0	7	2	5	1	2	3	1	7	1	6	3
4	7	3	7	2	3	2	5	2	5	3	2	5	4
5	5	5	7	13	2	0	0	3	4	4	7	3	4
6	2	3	2	3	3	21	0	8	1	5	6	5	5
7	7	9	5	9	3	9	0	6	1	0	0	3	4
8	5	3	5	5	3	5	2	2	3	3	3	6	4
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16	****	****	****	****	****	****	2	2	2	2	3	3	****
17	10	10	8	3	2	4	2	0	2	1	2	0	4
18	4	2	3	5	6	5	6	3	8	5	2	3	4
19	13	8	9	12	2	2	6	10	8	6	9	8	8
20	9	10	11	14	16	13	10	14	6	7	5	7	10
21	3	3	2	3	3	1	2	2	3	1	2	2	2
22	0	2	0	0	4	3	2	2	1	2	2	3	2
23	3	2	2	1	2	2	2	4	2	2	1	1	2
24	3	2	0	2	5	0	3	2	2	2	1	2	2
25	2	2	0	2	5	2	2	3	2	0	1	4	3
26	2	1	5	6	3	****	0	2	2	5	0	0	2
27	3	2	3	13	3	8	6	13	13	14	20	15	9
28	2	3	3	3	3	9	9	9	11	7	2	6	6
29	3	3	2	3	2	3	1	4	2	11	5	2	3
30	0	5	3	5	5	3	0	8	3	4	5	15	5
MEAN	4	4	4	5	4	5	3	5	4	4	4	5	4

PERCENTAGE OF DATA VALID - 74

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH MAY 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	5	5	11	7	4	2	2	5	0	7	3	5
2	5	7	2	5	0	2	1	2	5	9	1	2	3
3	2	0	3	4	11	5	0	0	2	0	3	0	2
4	3	5	3	5	5	2	2	0	3	3	2	3	3
5	3	4	3	10	15	9	9	15	13	9	18	15	10
6	15	17	6	4	0	6	7	1	4	2	7	9	7
7	9	7	7	14	11	26	11	8	17	9	9	11	12
8	7	15	3	9	3	2	4	5	7	19	19	13	9
9	7	12	10	7	3	8	7	3	1	0	2	6	5
10	0	4	5	7	5	0	6	9	7	2	5	7	5
11	5	7	12	3	4	15	26	11	13	3	13	11	10
12	15	3	9	9	3	3	3	3	2	2	2	11	5
13	0	2	0	0	5	1	0	7	2	3	5	0	2
14	3	0	3	3	2	1	1	5	2	2	4	6	3
15	4	7	6	5	1	1	9	3	4	0	3	3	4
16	5	4	4	3	4	3	2	2	3	0	0	2	3
17	3	0	2	4	2	3	1	2	3	4	6	3	3
18	3	5	5	5	3	2	9	4	2	6	0	2	4
19	5	3	5	4	1	2	5	5	2	2	0	3	3
20	0	0	7	3	5	1	3	2	4	2	0	2	2
21	3	7	4	6	9	5	2	3	3	0	3	1	4
22	1	2	4	0	2	2	0	2	0	2	2	0	1
23	3	3	0	7	3	8	5	11	5	7	2	9	5
24	3	2	10	5	2	9	9	14	21	3	5	5	7
25	4	0	2	3	5	0	2	2	10	5	2	5	3
26	6	7	2	7	15	6	4	9	5	9	5	3	7
27	2	5	2	6	7	5	5	8	8	5	4	3	5
28	2	0	5	3	3	3	1	7	5	3	9	7	4
29	9	3	3	2	7	2	0	0	2	10	7	8	5
30	10	4	2	0	3	3	2	3	4	13	2	12	5
31	13	3	13	7	3	5	0	5	6	5	4	7	6
MEAN	5	5	5	5	5	5	5	5	5	4	5	5	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH JUN 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	16	23	8	11	17	3	0	5	3	1	0	5	8
2	3	0	2	2	5	1	5	1	4	0	6	5	3
3	0	7	5	8	3	7	7	5	2	2	5	5	5
4	3	10	0	4	17	1	5	0	2	4	13	12	6
5	7	3	3	1	2	0	****	****	****	****	****	****	****
6							- DATA MISSING -						
7							- DATA MISSING -						
8	****	****	****	****	****	****	****	3	0	2	0	2	****
9	0	3	2	2	0	3	4	2	3	2	2	3	2
10	7	3	2	2	3	5	5	15	13	9	14	9	7
11	2	2	10	3	13	11	13	2	11	5	8	10	8
12	7	5	3	8	7	21	15	0	3	3	2	3	6
13	6	0	4	3	5	7	7	15	3	3	2	8	7
14	5	9	7	11	7	5	5	7	5	7	3	8	5
15	3	5	7	7	9	11	5	10	5	0	2	2	6
16	5	3	0	5	7	7	****	15	7	3	3	5	5
17	8	5	6	5	3	2	3	4	4	2	2	8	4
18	7	5	7	8	14	15	12	10	2	7	4	8	8
19	7	7	9	7	10	16	18	6	12	7	11	2	9
20	2	3	2	4	0	3	2	3	0	2	2	0	2
21	4	2	9	0	0	0	2	1					
22	1	2	4	7	4	3	7	7	0	2	2	0	2
23	5	4	3	7	5	10	15	12	2	3	1	5	4
24	2	1	5	5	****	****	****	****	****	****	****	****	****
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	5	5	5	5	7	7	7	6	4	3	4	5	5

PERCENTAGE OF DATA VALID - 67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7	****	****	****	****	****	****	****	****	2	3	2	4	****
8	9	16	8	2	5	3	2	3	2	2	1	2	5
9	1	1	1	1	2	1	2	0	2	2	4	2	2
10	2	2	2	0	2	0	1	2	2	2	0	2	1
11	3	2	2	5	3	4	2	2	2	2	2	2	3
12	3	4	2	6	2	4	2	4	6	1	1	6	3
13	1	3	2	2	1	1	2	0	2	3	1	4	2
14	0	1	2	****	0	3	2	0	0	2	2	0	1
15	0	4	4	0	5	2	1	3	2	2	3	2	2
16	3	2	2	4	0	4	0	3	0	0	0	2	1
17	3	0	3	0	0	1	2	0	2	2	0	2	1
18	0	3	3	0	3	0	1	0	2	2	0	2	3
19	3	1	3	3	2	2	4	9	8	0	2	0	3
20	1	2	2	5	3	2	2	0	5	2	3	3	3
21	3	5	5	5	5	****	3	2	0	3	0	6	3
22	3	3	5	7	5	3	3	3	2	3	2	2	3
23	1	6	2	3	2	2	3	3	1	3	2	2	3
24	3	2	2	5	5	4	2	0	8	2	6	0	3
25	3	2	2	2	0	3	1	0	2	0	1	2	2
26	0	2	0	5	3	2	2	0	0	0	6	2	2
27	2	0	2	2	0	2	0	3	0	3	3	3	2
28	0	1	2	2	2	2	1	4	2	1	0	0	2
29	2	2	1	3	8	1	2	0	8	2	5	5	4
30	3	2	6	7	8	2	3	5		0	5	2	
31	4	0	2	1	5	0	0	2	0	3	3	2	2
MEAN	2	3	3	3	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	3	0	3	0	2	0	3	3	1	5	2
2	5	5	0	3	2	0	2	2	3	0	5	0	2
3	2	2	3	3	6	2	2	0	3	0	3	0	2
4	2	0	0	0	5	2	2	0	5	2	0	5	2
5	1	2	0	2	3	3	****	****	****	****	****	****	****
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	3	2	1	2	4	1	2	1	4	1	2	3	2

PERCENTAGE OF DATA VALID - 14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - ELGIN/BARTON HAMILTON							NO 29014						
							MONTH OCT 71						
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13	****	****	****	****	****	****	****	3	1	0	0	0	****
14	2	1	3	0	2	0	11	7	11	10	7	10	5
15	11	18	17	11	5	1	3	8	5	4	8	9	8
16	11	8	14	17	4	9	5	9	6	17	15	15	11
17	19	19	15	10	8	21	17	6	8	8	14	12	13
18	6	4	9	8	3	5	0	6	0	7	5	6	5
19	6	4	13	17	14	11	19	20	7	14	8	7	12
20	5	11	7	10	10	7	17	11	13	5	18	19	11
21	25	25	28	44	23	19	23	9	8	13	11	3	19
22	12	9	5	14	10	13	19	9	5	5	10	5	10
23	8	2	5	2	0	3	5	7	2	9	0	5	4
24	7	2	3	5	3	7	9	9	10	6	7	5	6
25	3	5	0	9	9	3	2	5	3	5	2	3	4
26	4	0	3	9	4	2	4	5	3	3	4	6	4
27	5	9	5	11	1	7	7	3	5	16	5	8	7
28	0	9	7	6	2	3	0	0	2	0	11	8	4
29	3	5	0	8	9	****	7	6	2	1	4	3	4
30	2	9	7	11	12	13	14	11	11	7	8	9	10
31	3	4	10	7	7	7	2	2	5	2	2	1	4
MEAN	7	8	8	11	7	8	9	7	6	7	7	7	8
PERCENTAGE OF DATA VALID - 59													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - ELGIN/BARTON HAMILTON							NO 29014 MONTH NOV 71						
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	5	12	9	6	0	7	5	7	10	10	6
2	5	12	11	3	4	5	5	2	2	2	5	2	5
3	2	2	4	6	2	4	2	0	4	1	2	2	3
4	4	2	0	3	0	5	7	6	2	6	0	5	3
5	4	8	2	18	17	1	1	4	5	6	0	5	6
6	2	0	5	1	5	6	8	2	2	3	0	0	3
7	4	2	3	3	1	1	2	2	5	5	3	2	3
8	5	8	2	15	13	6	3	3	5	5	9	4	7
9	14	10	10	15	4	1	9	4	6	6	7	2	7
10	7	0	4	5	3	3	4	3	2	0	2	5	3
11	0	3	2	2	3	2	7	0	2	2	5	10	3
12	10	9	12	19	13	4	7	5	9	7	14	15	10
13	24	16	14	12	5	3	3	2	2	5	4	5	8
14	6	2	7	0	4	1	3	2	2	10	7	7	4
15	0	7	2	2	15	15	6	11	7	7	4	4	7
16	2	5	5	5	6	2	5	3	5	5	1	3	4
17	5	5	2	11	13	11	5	3	5	6	15	15	8
18	17	11	11	13	16	8	3	6	7	6	4	5	9
19	7	4	2	5	2	5	2	2	4	2	4	0	3
20	1	3	2	2	2	4	5	0	2	1	5	2	2
21	2	0	4	2	2	0	1	0	0	0	2	0	1
22	0	2	0	3	2	1	0	0	0	3	0	3	1
23	5	5	6	17	11	5	3	2	7	4	4	4	6
24	2	5	7	8	7	8	3	10	5	7	5	9	6
25	6	3	3	8	11	6	6	1	5	3	3	2	5
26	2	4	8	9	8	7	5	7	5	6	3	2	6
27	6	7	7	6	6	4	2	4	2	4	3	4	5
28	2	2	2	3	2	3	2	3	6	6	2	3	3
29	2	2	4	3	3	5	2	3	5	2	0	2	3
30	1	0	2	3	6	2	0	2	3	2	5	5	3
MEAN	5	5	5	7	7	4	4	3	4	4	4	5	5
PERCENTAGE OF DATA VALID - 100													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	4	3	7	6	3	2	2	3	4	4	4	4
2	3	5	5	9	9	4	5	4	7	4	2	2	5
3	2	2	4	6	7	5	3	5	6	4	4	2	4
4	2	4	3	3	5	0	2	2	3	1	1	2	2
5	0	4	3	2	8	2	3	4	6	7	7	7	5
6	9	3	3	7	3	6	5	5	1	6	4	8	5
7	7	2	3	3	7	3	3	1	4	4	5	3	4
8	7	3	3	2	3	7	2	7	4	5	4	7	4
9	3	4	3	12	***	7	7	8	6	6	9	10	7
10	7	6	5	8	14	17	16	11	9	3	3	2	8
11	5	3	0	3	2	3	1	3	0	4	3	3	3
12	4	9	12	9	8	6	7	6	5	5	5	5	7
13	3	1	2	6	3	7	3	4	5	4	2	4	4
14	8	9	8	20	12	9	6	7	11	8	7	3	9
15	5	2	3	7	9	6	10	***	3	3	2	5	5
16	4	0	3	2	5	3	7	5	3	2	2	3	3
17	5	2	5	4	5	4	7	3	5	5	2	4	4
18	5	0	2	2	2	0	3	0	3	3	2	8	3
19	5	2	2	5	2	6	3	5	5	6	3	3	4
20	3	3	3	7	3	5	3	4	7	3	5	5	4
21	5	6	3	7	9	11	5	3	5	3	2	2	5
22	5	0	0	3	***	2	2	6	7	6	2	3	3
23	3	8	9	11	18	18	4	5	8	8	3	6	8
24	4	5	3	2	5	0	4	2	2	0	1	0	2
25	1	1	2	2	0	5	6	4	2	6	5	6	3
26	12	12	16	2	5	3	2	3	0	2	2	1	5
27	3	0	0	0	2	3	3	5	3	6	8	3	3
28	2	3	3	7	3	2	3	3	3	2	2	2	3
29	2	0	3	4	3	4	***	***	***	***	***	***	***
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	4	4	4	6	6	5	5	4	5	4	4	4	4

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - ELGIN/BARTON HAMILTON

NO 29014

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	21	6	10	20
FEB	28	6	12	19
MAR	31	5	9	19
APR	23	4	10	21
MAY	31	5	12	26
JUN	22	5	9	23
JUL	25	2	5	16
AUG	5	2	2	6
SEP	DATA MISSING			
OCT	19	8	19	44
NOV	30	5	10	24
DEC	29	4	9	20
YEAR	264	5	19	44

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	90	113	21	5	0	0	0	229
FEB	152	134	40	8	0	0	0	334
MAR	204	141	23	4	0	0	0	372
APR	172	77	17	2	1	0	0	269
MAY	208	126	28	5	3	0	0	370
JUN	124	89	22	5	2	0	0	242
JUL	254	35	0	1	0	0	0	290
AUG	46	8	0	0	0	0	0	54
SEP	DATA MISSING							
OCT	69	97	31	16	6	0	1	220
NOV	200	126	26	7	1	0	0	360
DEC	199	124	10	6	0	0	0	339
YEAR	1718	1070	218	59	13	0	1	3079

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
76	0	0.7	1.9	3.2	5.3	9.7	12.6	16.0	18.0	44	4.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5	****	****	****	****	****	****	****	2	0	6	3	****	****
6	6	2	5	7	5	2	3	7	6	5	5	5	5
7	2	5	5	3	5	4	3	2	5	4	5	5	4
8	4	2	7	7	13	2	5	4	6	15	15	11	8
9	1	8	5	10	8	11	9	11	10	10	11	11	9
10	12	19	5	2	7	7	4	4	5	4	4	3	6
11	2	4	6	5	4	7	4	4	7	4	5	2	5
12	5	4	2	6	7	2	5	8	10	5	9	9	6
13	8	7	0	7	4	3	****	****	****	****	****	****	****
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25	****	****	****	****	****	****	****	8	13	16	9	12	****
26	12	8	8	5	5	3	2	5	2	2	0	2	5
27	0	2	1	1	3	2	1	2	3	5	0	4	2
28	2	3	3	8	2	3	2	0	3	3	2	3	3
29	2	3	3	6	0	2	5	9	15	11	10	11	6
30	4	2	0	3	3	2	5	4	5	1	2	4	3
31	1	1	3	3	4	2	3	3	2	4	3	6	3
MEAN	4	5	4	5	5	4	4	5	6	6	6	6	5

PERCENTAGE OF DATA VALID - 46

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	2	2	3	4	4	0	3	4	4	3	3
2	3	1	5	5	4	5	2	2	3	9	6	8	4
3	6	4	9	14	20	12	7	8	11	12	14	13	11
4	13	11	12	21	12	11	11	13	13	11	6	9	12
5	9	10	10	15	5	6	3	2	3	2	2	3	6
6	2	3	4	0	2	6	4	2	7	4	5	8	4
7	6	3	13	16	15	13	6	5	7	5	9	6	9
8	7	5	3	5	2	6	2	3	3	2	2	3	4
9	1	2	2	3	0	4	2	1	3	4	2	4	2
10	3	5	7	2	3	0	3	2	6	5	6	8	4
11	9	8	14	14	14	9	14	11	11	14	7	5	11
12	10	12	9	7	10	12	13	17	9	10	4	7	10
13	2	4	5	5	1	3	2	0	1	3	0	4	3
14	2	3	2	2	2	3	1	3	2	0	3	4	2
15	3	5	5	5	4	7	1	5	6	3	5	4	4
16	5	7	28	7	6	5	5	5	8	6	8	4	8
17	6	6	9	15	18	11	7	9	7	8	7	9	9
18	5	9	7	6	7	5	9	3	7	6	13	9	7
19	5	7	3	8	5	4	4	8	5	4	9	11	6
20	3	2	6	6	6	6	14	3	5	2	3	1	5
21	3	2	2	2	4	3	3	2	4	2	8	3	3
22	4	10	9	8	9	7	7	10	9	13	5	9	8
23	11	7	8	4	6	2	3	5	3	5	5	3	5
24	0	2	3	4	4	5	5	2	7	1	7	7	4
25	2	5	5	4	8	2	3	2	6	7	14	16	6
26	26	21	11	16	19	19	15	8	7	8	19	16	15
27	23	3	1	3	4	0	2	0	3	0	0	0	3
28	3	0	0	0	2	3	2	2	2	3	2	5	2
MEAN	6	6	7	7	7	6	6	5	6	6	6	6	6

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - MERRICK ST HAMILTON							NO 29015						
							MONTH MAR 71						
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	3	2	5	3	2	0	5	2	3	0	2
2	5	11	6	13	7	5	5	4	2	1	3	0	5
3	3	4	2	7	5	5	2	0	7	0	4	0	3
4	4	3	1	3	2	2	0	3	2	0	3	1	2
5	3	2	0	5	1	5	5	3	5	9	13	11	5
6	11	9	6	9	7	9	9	7	7	13	5	6	8
7	7	6	9	1	3	0	2	0	2	2	3	0	3
8	0	0	2	3	3	2	2	2	2	3	0	3	2
9	0	5	0	2	1	5	5	2	3	3	0	2	2
10	9	7	14	19	9	13	11	9	11	5	6	3	10
11	15	8	2	5	5	2	0	4	2	2	1	3	4
12	2	2	9	11	18	7	10	7	9	7	7	7	8
13	6	4	8	3	15	5	9	7	11	9	5	5	7
14	11	8	11	14	6	11	13	13	23	5	11	25	13
15	17	13	9	13	11	9	2	3	2	2	5	2	7
16	6	3	1	0	3	0	4	0	1	2	1	0	2
17	0	2	2	0	5	1	4	4	5	2	3	4	3
18	2	5	6	4	7	3	4	7	4	9	14	9	6
19	15	5	6	9	15	5	11	13	20	3	2	3	9
20	6	3	5	3	3	3	3	2	2	0	0	3	3
21	1	0	0	1	2	0	2	0	0	3	3	5	1
22	0	1	2	0	2	2	2	2	5	3	3	3	2
23	7	2	2	6	7	2	0	2	2	2	0	2	3
24	2	0	2	3	3	3	3	1	1	2	1	5	2
25	0	2	2	4	0	1	2	4	7	5	6	3	3
26	7	2	3	6	1	7	3	5	7	8	7	8	5
27	7	5	4	4	4	5	6	5	9	6	9	6	6
28	4	8	9	9	4	6	7	3	3	6	4	2	5
29	3	2	3	6	4	2	1	1	0	2	0	1	2
30	2	2	2	2	2	2	2	1	0	1	3	5	2
31	7	12	10	12	10	4	1	4	9	9	8	4	8
MEAN	5	4	5	6	5	4	4	4	5	4	4	4	5

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - MERRICK ST HAMILTON							NO 29015						
							MONTH APR 71						
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	7	3	7	12	14	15	18	13	13	5	8	10
2	7	3	4	4	4	5	2	****	****	****	****	****	****
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26	****	****	****	****	****	****	3	0	3	3	5	2	****
27	3	3	3	7	2	9	9	9	12	13	7	19	8
28	7	7	5	5	11	7	9	17	19	7	3	2	8
29	3	5	3	3	0	2	9	2	2	2	6	4	3
30	3	5	3	3	3	0	6	5	7	2	3	11	4
MEAN	5	5	4	5	5	6	8	9	9	7	5	8	6

PERCENTAGE OF DATA VALID - 20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	5	7	11	9	4	3	7	7	7	3	4	6
2	5	5	6	2	2	2	2	2	0	9	1	0	3
3	0	2	1	7	3	1	0	3	2	0	3	2	2
4	2	0	4	5	2	2	5	3	2	3	3	7	3
5	5	3	3	7	3	8	8	10	13	17	17	13	9
6	26	12	8	5	2	1	****	****	****	****	****	****	****
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19	****	****	****	****	****	****	****	****	2	5	4	3	****
20	5	8	2	3	9	3	8	5	1	1	2	4	4
21	0	1	6	14	5	5	2	0	3	3	5	0	4
22	0	0	5	3	3	2	1	1	1	1	4	2	2
23	2	4	3	1	4	7	5	14	6	12	7	7	6
24	2	0	5	10	5	1	4	4	4	3	2	9	4
25	8	13	11	8	1	3	2	0	1	2	2	1	4
26	0	2	0	2	2	0	2	0	0	2	0	2	1
27	3	4	2	4	2	5	8	8	11	4	9	7	6
28	4	4	7	9	5	5	7	7	2	2	5	6	5
29	5	12	10	10	7	4	3	4	1	4	3	8	6
30	6	5	2	5	9	6	6	2	3	3	5	1	4
31	2	1	0	4	5	10	8	6	3	2	4	3	4
MEAN	5	5	5	6	4	4	4	4	3	4	4	4	4

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	2	14	****	****	****	****	****	****	****	****	****
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7	****	****	****	****	****	****	****	3	3	1	2	1	****
8	2	0	3	3	0	2	2	2	2	2	3	2	2
9	7	0	2	6	2	7	13	12	17	12	15	9	9
10													
11	7	4	15	9	16	11	14	4	13	18	11	8	11
12	8	13	6	14	14	13	5	5	4	2	3	2	7
13	2	6	0	6	3	12	14	10	10	5	3	16	7
14	17	26	32	16	11	4	12	9	7	9	9	2	13
15	3	6	8	11	11	14	9	9	9	5	0	2	7
16	2	6	3	11	1	9	****	16	10	13	7	7	8
17	9	9	7	7	4	4	6	6	9	2	5	6	6
18	8	2	12	12	17	18	15	12	3	5	4	12	10
19	9	9	11	15	14	25	21	11	13	18	16	2	14
20	2	4	4	3	0	4	****	****	****	****	****	****	****
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24	****	****	****	****	****	****	4	3	2	3	2	2	****
25	0	9	9	5	7	6	7	10	15	12	8	2	8
26	0	1	0	5	2	5	8	3	2	0	5	5	3
27	4	2	2	7	3	0	3	3	5	2	2	3	3
28	5	0	3	2	7	15	13	9	13	9	7	2	8
29	5	0	3	0	1	2	0	5	2	3	2	1	2
30	2	0	2	9	5	5	7	4	1	2	3	2	4
MEAN	5	5	7	8	7	9	9	7	7	6	6	5	7

PERCENTAGE OF DATA VALID - 62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	2	2	3	0	2	2	0	2	0	2	2
2	2	0	3	3	0	2	2	0	0	2	0	2	1
3	5	0	3	0	4	3	10	7	2	2	2	2	4
4	5	3	3	4	9	7	9	5	2	3	2	5	5
5	2	3	2	4	3	3	7	3	2	5	5	2	4
6	2	0	2	0	3	0	4	0	3	0	3	2	2
7	3	3	2	3	3	0	****	2	3	0	2	2	2
8	0	7	7	7	5	5	6	7	3	3	2	3	5
9	2	0	0	2	2	0	3	0	0	0	3	2	1
10	4	3	0	3	3	2	2	0	0	3	0	3	2
11	0	2	3	2	3	3	0	5	3	0	5	0	2
12	0	3	5	2	9	7	5	5	6	0	2	8	4
13	2	5	2	4	2	3	0	2	0	0	2	2	2
14	2	0	3	2	****	2	1	0	3	0	3	2	2
15	0	3	2	0	3	3	2	2	3	3	2	5	2
16	2	0	0	2	7	5	0	0	0	4	2	2	2
17	0	2	2	0	2	1	0	1	2	0	0	4	1
18	0	1	3	3	0	0	2	7	5	2	3	4	4
19	2	2	3	3	5	2	2	0	1	2	3	3	2
20	0	0	5	5	5	2	2	0	0	2	3	3	2
21	2	5	2	3	5	0	****	2	0	0	2	3	2
22	3	5	5	3	3	9	5	6	3	5	5	2	5
23	4	4	3	7	3	5	1	5	2	2	2	2	3
24	3	6	0	9	4	3	5	7	5	9	5	7	5
25	7	3	0	2	0	3	2	2	2	2	2	0	2
26	2	5	5	15	6	0	3	2	3	0	5	1	4
27	3	0	3	0	3	0	2	0	2	7	8	3	2
28	3	2	2	11	5	2	3	7	2	2	2	3	4
29	3	0	3	3	3	3	5	2	3	5	5	3	3
30	0	4	3	10	13	11	7	8	8	1	5	2	6
31	3	3	2	5	2	0	2	0	2	0	4	1	2
MEAN	2	2	3	4	4	3	3	3	2	2	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	5	2	3	2	3	5	7	2	3	3
2	5	2	0	3	3	0	3	0	0	3	7	3	2
3	5	3	3	3	2	2	0	5	0	2	2	0	2
4	0	0	3	3	3	0	7	0	0	2	3	1	2
5	3	0	2	2	3	0	0	5	8	5	0	6	3
6	2	4	2	2	5	2	0	2	2	0	2	0	2
7	0	2	2	0	0	0	0	0	3	3	2	0	1
8	0	1	0	2	2	2	0	2	0	2	0	0	1
9	5	1	3	3	5	4	3	2	0	2	2	3	3
10	0	0	1	****	2	3	2	****	****	****	****	****	****
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	2	2	2	3	3	2	2	2	2	3	2	2	2

PERCENTAGE OF DATA VALID - 30

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	****	****	****	****	****	****	****	****	7	9	5	8	****
2	9	9	13	17	2	2	2	2	5	3	1	2	6
3	3	2	5	3	8	3	3	2	4	3	1	2	3
4	2	3	2	2	2	1	2	3	5	2	3	2	2
5	8	6	7	18	31	****	7	11	11	9	7	5	11
6	3	3	3	5	9	5	3	3	3	3	0	3	2
7	2	3	0	2	3	2	3	2	2	0	3	9	5
8	2	3	3	5	5	3	2	3	11	5	5	2	9
9	12	15	15	13	7	6	8	8	2	3	1	2	3
10	5	3	5	2	4	2	2	4					
11	3	2	0	3	5	2	7	3	6	9	5	5	4
12	7	3	6	11	11	****	5	5	6	11	17	16	9
13	19	11	17	10	11	5	3	5	5	3	5	5	8
14	6	2	6	5	4	5	4	4	5	7	5	7	5
15	2	3	2	7	11	14	4	12	15	9	3	3	7
16	8	3	2	2	5	6	9	13	13	7	5	9	6
17	8	5	9	15	19	8	4	5	15	13	17	21	12
18	22	17	31	20	28	25	13	15	16	11	6	7	18
19	5	6	4	6	3	2	3	2	2	5	4	1	4
20	0	2	2	7	9	10	7	5	3	6	2	5	5
21	5	4	2	5	2	0	1	3	1	0	2	0	2
22	0	0	0	4	4	2	5	2	2	0	0	2	2
23	4	6	8	13	7	11	7	8	7	9	2	8	7
24	7	5	9	11	13	10	5	10	12	8	9	8	9
25	4	8	6	10	4	5	0	****	8	3	6	4	5
26	6	5	5	8	14	9	3	6	8	5	12	6	7
27	9	2	10	12	14	12	9	5	6	6	6	8	8
28	3	3	3	4	2	2	3	3	0	3	6	5	3
29	6	3	3	4	8	4	6	8	11	0	3	5	5
30	3	0	0	12	5	8	3	4	7	7	5	6	5
MEAN	6	5	6	8	9	6	5	6	7	6	5	6	6

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	5	2	5	7	3	5	3	7	8	4	4	5
2	7	8	6	11	7	3	3	4	7	3	3	3	5
3	2	3	2	6	5	3	3	5	5	6	5	3	4
4	4	2	2	5	8	5	8	6	8	4	5	5	5
5	3	3	6	16	10	12	12	12	11	9	12	13	9
6	12	6	6	16	10	2	4	8	2	4	3	6	10
7	6	7	5	9	4	6	4	8	9	7	4	7	6
8	7	5	2	5	****	9	5	8	7	10	12	10	8
9	12	5	4	12	18	16	17	12	13	6	3	2	10
10	8												
11	2	2	2	2	0	0	2	2	4	2	2	3	2
12	4	8	16	12	9	7	4	3	4	6	4	6	7
13	0	2	2	0	3	3	3	5	0	4	5	4	3
14	9	8	7	16	20	8	18	8	9	9	7	7	10
15	3	6	3	3	4	12	10	13	4	1	5	3	6
16	0	2	3	3	****	5	3	3	5	2	7	3	3
17	5	2	2	17	17	8	2	2	3	3	7	5	6
18	0	0	0	2	3	3	3	5	4	6	3	5	3
19	10	5	7	10	12	11	9	9	11	9	5	0	8
20	4	1	5	5	10	5	4	6	6	7	9	8	6
21	5	9	5	9	7	7	3	3	5	2	5	2	5
22	3	2	2	2	****	4	6	9	10	13	12	8	6
23	12	15	13	18	37	31	10	11	14	11	9	7	16
24	2	4	4	3	4	5	2	1	2	3	1	2	3
25	2	1	2	1	3	6	4	8	6	2	10	4	2
26	11	18	14	8	4	5	6	6	10	9	6	2	8
27	3	2	3	3	3	6	8	11	3	3	2	2	3
28	3	3	2	2	6	2	2	7	6	5	6	4	4
29	2	6	6	15	14	11	8	8	9	4	7	3	8
30													
31	1	3	7	13	7	9	3	9	17	5	11	17	9
MEAN	5	5	5	7	9	7	6	7	7	6	6	5	6

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - MERRICK ST HAMILTON

NO 29015

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	16	5	9	19
FEB	28	6	15	28
MAR	31	5	13	25
APR	7	6	10	19
MAY	19	4	9	26
JUN	21	7	14	32
JUL	31	3	6	15
AUG	10	2	3	8
SEP		DATA MISSING		
OCT		DATA MISSING		
NOV	30	6	18	31
DEC	31	6	16	37
YEAR	224	5	18	37

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 LOVER	TOTAL
JAN	92	63	15	2	0	0	0	172
FEB	152	130	39	10	5	0	0	336
MAR	217	118	31	4	2	0	0	372
APR	33	27	9	4	0	0	0	73
MAY	127	73	11	2	1	0	0	214
JUN	100	71	38	11	3	1	0	224
JUL	287	78	4	0	0	0	0	369
AUG	99	15	0	0	0	0	0	114
SEP		DATA MISSING						
OCT		DATA MISSING						
NOV	155	140	37	11	4	2	0	349
DEC	156	162	35	14	0	2	0	369
YEAR	1418	877	219	58	15	5	0	2592

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
71	0	0.8	1.9	3.3	5.7	10.5	13.1	16.5	18.8	37		5.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON					NO 29017		MONTH JAN 71							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	2	1	4	2	3	5	5	3	5	1	3	
2	5	5	8	11	6	5	5	5	2	2	4	0	5	
3	2	2	1	1	1	0	2	6	6	3	5	6	3	
4	6	2	2	9	15	15	25	0	2	0	6	3	7	
5	2	2	6	0	6	7	3	7	5	2	3	3	4	
6	2	5	4	7	2	5	4	2	5	7	5	0	4	
7	3	7	2	6	5	9	6	3	5	6	4	6	5	
8	6	5	2	5	19	7	7	4	10	7	9	8	7	
9	7	7	7	7	8	7	9	2	5	9	11	11	8	
10	11	20	9	6	7	3	7	5	5	9	3	3	7	
11	3	2	2	4	0	8	3	2	7	7	4	2	4	
12	1	0	1	0	11	3	7	9	3	5	11	11	5	
13	16	9	4	3	9	8	9	4	9	5	10	11	8	
14	9	7	11	9	7	2	5	3	5	5	2	6	6	
15	5	3	5	2	5	2	5	0	3	2	2	2	3	
16	2	5	5	7	7	2	0	4	2	2	3	3	3	
17	8	5	0	3	5	3	3	0	5	5	5	5	4	
18	3	2	0	0	3	4	3	3	11	11	6	2	4	
19	6	2	5	5	2	3	0	5	3	5	2	5	4	
20	5	5	8	5	5	3	2	3	5	0	0	2	4	
21	7	5	2	2	5	3	****	****	****	****	****	****	****	
22							- DATA MISSING -	-	-	-	-	-	-	
23							- DATA MISSING -	-	-	-	-	-	-	
24							- DATA MISSING -	-	-	-	-	-	-	
25							- DATA MISSING -	-	-	-	-	-	-	
26							- DATA MISSING -	-	-	-	-	-	-	
27							- DATA MISSING -	-	-	-	-	-	-	
28							- DATA MISSING -	-	-	-	-	-	-	
29							- DATA MISSING -	-	-	-	-	-	-	
30							- DATA MISSING -	-	-	-	-	-	-	
31							- DATA MISSING -	-	-	-	-	-	-	
MEAN	5	5	4	4	6	5	5	4	5	5	5	5	5	
PERCENTAGE OF DATA VALID -					66									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON					NO 29017		MONTH FEB 71							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA MISSING -							
2	2	2	1	2	6	2	1	5	4	4	5	7	3	
3	7	4	6	18	15	9	10	9	9	14	14	14	11	
4	16	16	31	18	14	14	16	18	18	13	9	15	17	
5	13	15	14	15	1	3	4	2	3	2	2	2	6	
6	2	5	1	2	3	2	4	5	2	3	7	8	4	
7	7	10	7	11	11	12	6	6	5	3	7	5	8	
8	3	6	3	8	8	4	4	2	3	5	4	2	4	
9	2	2	1	4	2	2	0	4	9	3	2	2	3	
10	4	4	2	4	0	****	****	2	****	****	****	****	****	
11							- DATA MISSING -							
12							- DATA MISSING -							
13							- DATA MISSING -							
14							- DATA MISSING -							
15							- DATA MISSING -							
16							- DATA MISSING -							
17							- DATA MISSING -							
18							- DATA MISSING -							
19							- DATA MISSING -							
20							- DATA MISSING -							
21							- DATA MISSING -							
22							- DATA MISSING -							
23							- DATA MISSING -							
24							- DATA MISSING -							
25							- DATA MISSING -							
26							- DATA MISSING -							
27							- DATA MISSING -							
28							- DATA MISSING -							
MEAN	6	7	7	9	7	6	6	6	7	6	6	7	7	
PERCENTAGE OF DATA VALID - 30														

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3	****	****	****	****	****	****	****	9	2	0	5	3	****
4	0	1	2	1	0	2	0	0	2	2	2	4	1
5	3	0	5	3	7	3	7	4	3	5	7	11	5
6	13	5	5	6	7	0	12	5	4	12	11	9	7
7	4	11	7	5	0	2	2	3	0	2	2	4	4
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11	****	****	****	****	****	****	****	5	5	7	0	8	****
12	9	6	7	12	11	7	8	6	4	4	4	2	7
13	4	7	7	7	2	4	5	4	8	8	8	10	6
14	10	3	6	9	8	9	9	5	7	5	****	15	8
15	10	4	3	7	5	2	3	3	3	2	4	0	4
16	2	2	1	3	3	0	4	2	2	2	4	2	2
17	2	3	3	1	3	0	2	2	2	2	4	3	2
18	4	8	****	****	2	2	4	2	3	3	3	8	4
19	10	5	2	10	3	7	9	12	3	2	2	1	6
20	2	4	2	4	2	1	4	0	2	1	1	2	2
21	3	3	1	0	0	0	1	0	2	2	4	2	2
22	0	2	2	4	2	2	1	3	2	2	3	2	2
23	2	3	2	2	5	0	1	1	****	****	****	****	2
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	5	4	4	5	4	3	5	4	3	4	4	5	4

PERCENTAGE OF DATA VALID - 52

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2	****	****	****	****	****	****	0	2	2	2	2	0	****
3	2	2	1	1	3	0	1	0	1	0	1	1	1
4	5	2	1	1	1	1	3	0	0	0	0	1	1
5	2	2	1	2	0	0	0	2	0	2	2	1	1
6	2	3	2	3	2	2	1	0	1	1	3	5	2
7	2	3	2	2	0	1	2	0	1	0	0	1	1
8	2	1	2	3	2	1	1	****	5	1	2	3	2
9	4	4	1	2	2	2	3	3	0	1	2	1	2
10	0	0	1	2	1	0	1	2	1	2	1	0	1
11	1	1	0	1	2	2	1	1	2	1	1	0	1
12	3	1	4	3	2	1	2	2	2	2	3	3	2
13	0	2	1	1	1	0	2	1	0	0	2	1	1
14	2	1	0	2	0	1	0	1	0	1	2	0	1
15	2	2	1	0	1	1	2	2	****	****	****	****	1
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26	****	****	****	****	****	****	****	2	0	0	2	1	****
27	0	0	2	0	2	0	3	2	0	1	0	3	1
28	0	2	0	0	0	0	4	2	3	0	0	1	1
29	0	3	0	3	2	0	2	2	0	1	2	0	1
30	0	0	0	0	2	0	0	0	0	3	1	0	1
MEAN	2	2	1	2	1	1	2	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	2	0	0	0	2	2	0	0	2	1
2	0	1	0	0	0	1	0	2	1	0	1	2	1
3	1	0	2	0	1	0	1	0	0	0	0	3	1
4	0	2	0	2	0	0	3	0	1	1	....	....	1
5	....	....	....	....	....	....	- DATA MISSING	4	2	0	1	0	....
6	....	....	....	....	....	....	....	1	1	0	1	2	1
7	0	2	0	1	0	1	0	1	2	0	2	0	1
8	0	1	0	1	0	0	0	3	2	1	0	0	0
9	1	0	0	0	0	0	0	1	1	1	0	0	1
10	1	2	0	1	0	0	1	0	0	1	0	0	1
11	4	0	0	0	1	0	1	0	2	0	2	0	1
12	0	0	0	3	1	1	0	0	1	1	0	1	1
13	0	1	0	0	1	0	1	1	0	1	0	0	0
14	2	1	0	0	....	....	....	....	....	....	....	....	....
15							- DATA MISSING	-	-	-	-	-	-
16							- DATA MISSING	-	-	-	-	-	-
17							- DATA MISSING	-	-	-	-	-	-
18							- DATA MISSING	-	-	-	-	-	-
19	7	3	9	7	3	2	2	3	5	9	6	1	5
20	0	0	5	3	0	2	0	2	2	3	4	3	2
21	2	2	6	3	2	....	2	0	2	3	0	0	2
22	1	0	2	2	2	3	0	0	2	0	2	0	1
23	0	0	3	0	7	3	0	6	5	8	2	5	3
24	0	1	2	0	2	2	1	2	3	2	3	4	2
25	7	7	5	5	2	0	0	2	2	3	0	2	3
26	1	3	4	2	2	2	0	2	2	1	2	0	2
27	3	2	0	3	4	4	2	2	6	4	4	5	3
28	3	2	6	5	7	4	2	2	5	1	6	4	4
29	4	6	8	5	7	4	1	2	0	2	2	2	4
30	3	1	4	3	2	3	2	5	2	2	5	7	3
31	2	1	3	2	5	7	4	6	1	1	1	1	3
MEAN	2	2	2	2	2	2	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	5	1	6	2	8	12	3	6	3	2	5
2	2	0	3	2	5	4	9	10	13	10	6	8	6
3	4	1	3	2	1	3	0	2	2	2	3	3	2
4	2	2	2	2	2	1	2	2	2	2	5	3	2
5	5	2	4	1	2	3	0	2	9	3	2	3	3
6	3	2	2	2	6	6	3	5	2	0	0	2	3
7	2	2	2	4	2	3	2	....	5	1	1	3	2
8	0	2	0	2	2	0	1	2	0	1	2	1	1
9	0	2	0	2	0	2	1	2	2	0	0	3	1
10	2	1	3	3	2	3	0	2	8	2	4	3	3
11	1	6	2	2	6	1	3	2	6	5	6	5	4
12	3	5	2	5	5	2	2	2	0	0	0	0	2
13	0	0	0	1	2	1	2	2	2	2	3	7	2
14	5	10	5	6	2	0	2	....	2	1	6	5	4
15	0	1	2	3	4	7	2	7	2	0	2	1	3
16	1	3	4	4	1	3	6	4	2	5	3	5	3
17	4	3	4	5	2	2	1	2	4	1	2	4	3
18	2	2	5	7	7	10	5	3	2	3	2	2	4
19	6	7	6	6	5	7	6	4	2	4	8	2	5
20	2	3	2	3	1	2	2	1	0	0	2	0	2
21	0	0	4	1	2	0	2	2	0	2	0	0	1
22	1	2	2	2	2	3	2	....	2	1	3	2	3
23	1	2	3	6	2	5	5	4	3	4	0	0	3
24	2	4	1	2	3	1	0	1	2	2	2	2	2
25	2	1	0	5	5	5	3	7	5	7	1	1	4
26	0	0	1	3	1	0	0	2	2	2	4	2	1
27	2	3	1	2	2	2	1	2	0	2	1	0	1
28	5	0	5	2	2	3	4	3	3	2	3	3	3
29	3	2	0	2	2	1	2	2	1	1	0	2	2
30	1	1	0	3	2	1	....	2	2	1	0	5	2
MEAN	2	2	2	3	3	3	3	3	3	2	2	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH JUL 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	0	2	1	0	0	0	0	0	0	2	1
2	0	0	0	3	0	0	0	0	2	0	2	0	1
3	3	0	4	0	3	0	2	2	0	2	2	2	2
4	3	3	0	0	3	0	3	2	0	1	0	2	1
5	0	0	0	2	0	2	0	0	2	0	0	3	1
6	0	0	1	0	0	1	0	0	0	0	2	4	1
7	2	3	2	0	2	2	0	***	2	0	0	0	1
8	5	3	2	2	3	1	2	2	0	0	2	0	2
9	3	0	1	0	4	0	0	0	2	0	2	1	1
10	3	2	2	0	0	3	0	2	0	2	2	0	1
11	2	0	2	0	2	2	0	2	0	2	0	0	1
12	0	2	2	0	4	0	1	2	0	2	2	0	1
13	3	2	0	0	2	0	1	2	0	1	0	2	1
14	0	1	2	2	3	2	***	2	0	0	2	2	1
15	5	5	5	2	3	2	0	2	2	2	5	2	3
16	1	3	1	3	3	3	3	3	0	0	0	2	2
17	2	2	1	3	0	0	1	0	0	0	0	5	1
18	2	5	3	2	1	0	2	0	2	0	0	2	2
19	3	3	3	3	2	2	2	3	3	0	2	3	2
20	1	1	2	7	2	2	0	2	0	1	2	3	2
21	7	3	8	5	2	1	***	6	2	2	0	5	4
22	2	4	3	4	5	4	3	3	2	1	1	3	3
23	2	3	2	6	3	2	3	3	2	2	2	4	3
24	2	4	3	7	3	3	0	2	3	3	2	3	3
25	5	0	3	0	2	0	0	0	2	0	2	0	1
26	2	3	0	4	2	2	2	5	0	3	2	2	2
27	2	2	0	0	2	0	2	0	2	0	3	8	2
28	2	0	0	1	0	2	2	0	5	3	2	2	2
29	4	0	1	8	2	4	2	2	0	2	2	2	2
30	8	2	11	8	8	***	3	4	5	2	3	2	5
31	1	4	4	2	1	0	2	2	1	2	2	2	2
MEAN	2	2	2	2	2	1	1	2	1	1	1	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH AUG 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	3	2	0	0	1	2	1	4	2	4	2
2	3	2	2	4	2	2	0	2	1	1	2	1	2
3	4	2	3	4	0	2	2	3	0	2	0	0	2
4	1	1	2	2	2	1	3	2	2	2	1	1	2
5	2	2	5	4	1	0	2	1	4	2	2	4	3
6	6	4	6	2	1	0	0	1	1	2	2	1	2
7	0	2	1	4	2	1	0	4	0	0	0	2	1
8	3	4	2	4	2	1	0	2	2	2	2	4	2
9	2	3	6	3	3	2	2	2	2	2	5	5	3
10	3	2	2	3	3	0	***	0	2	6	2	2	2
11	0	5	2	2	0	0	2	0	2	0	3	1	1
12	0	3	2	2	0	3	0	5	1	0	2	3	2
13	0	3	2	4	1	2	3	3	0	2	2	5	2
14	2	3	2	2	3	5	0	3	1	4	0	2	2
15	2	0	3	0	3	0	6	3	3	3	2	3	4
16	3	3	7	4	0	3	2	5	3	3	3	5	3
17	5	2	4	4	0	3	0	4	2	3	3	5	6
18	1	5	3	7	***	9	6	5	9	3	8	5	3
19	1	3	3	3	5	2	3	1	2	3	2	3	4
20	0	5	2	5	3	3	2	0	2	2	3	3	3
21	3	3	3	2	5	0	2	0	2	0	3	3	2
22	3	3	0	2	0	3	0	5	3	2	3	0	2
23	2	0	2	3	0	2	2	0	3	1	0	2	1
24	5	5	3	4	3	0	0	2	2	0	3	3	3
25	2	3	0	2	3	3	3	2	2	3	5	7	3
26	7	5	0	5	4	5	***	7	3	5	5	6	5
27	4	0	9	4	4	8	7	0	0	2	0	2	1
28	2	0	2	0	3	0	2	1	0	0	2	2	1
29	2	5	3	0	1	5	0	2	0	0	3	0	2
30	4	2	3	3	3	0	0	2	3	3	3	6	3
31	2	3	2	3	0	2	3	2	3	3	3	6	3
MEAN	3	3	3	3	2	2	2	3	2	2	2	3	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	5	2	3	0	2	0	3	2	0	2	2	2
2	2	2	5	5	13	***	13	11	12	6	2	3	2
3	3	3	3	2	2	3	3	2	2	2	3	1	2
4	2	1	0	3	2	4	2	2	5	1	2	1	2
5	5	0	0	3	2	4	2	0	3	0	0	2	2
6	3	3	2	3	5	2	3	2	2	2	2	2	3
7	1	2	2	0	7	2	0	3	0	3	0	5	2
8	2	2	3	2	2	3	2	3	2	3	2	5	3
9	0	0	2	0	***	0	5	1	5	3	3	7	2
10	7	3	5	5	3	2	2	2	0	3	3	3	3
11	2	7	2	3	1	2	2	2	0	1	0	0	2
12	2	2	0	3	2	0	5	3	2	3	2	0	2
13	2	3	0	5	2	1	2	0	2	0	2	3	2
14	0	2	3	5	2	0	2	1	4	2	3	2	2
15	4	3	2	5	2	***	1	0	0	0	4	1	2
16	3	2	3	4	2	5	6	3	0	3	3	2	3
17	5	3	2	3	0	4	2	2	0	2	0	1	2
18	7	2	2	4	0	2	2	2	1	4	3	3	2
19	0	2	2	2	2	2	2	1	4	3	3	3	3
20	3	3	8	7	2	2	2	1	1	0	0	1	3
21	1	1	2	3	0	0	2	0	1	2	0	2	1
22	1	2	4	8	7	1	***	3	1	3	5	2	2
23	3	7	9	10	7	5	2	5	1	3	0	0	4
24	2	0	2	3	2	2	0	3	0	5	2	3	2
25	3	3	5	3	2	0	2	3	0	3	4	2	3
26	0	6	3	7	3	2	2	3	3	3	6	3	3
27	2	0	3	5	5	5	***	3	2	3	2	3	3
28	2	0	4	3	8	6	15	7	12	9	8	3	6
29	3	2	2	2	0	2	4	2	0	2	3	2	5
30	2	5	5	13	2	6	5	5	7	0	2	2	5
MEAN	2	3	3	4	3	2	3	3	3	2	2	2	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	9	10	14	2	3	2	2	5	2	3	5
2	2	3	3	2	2	2	2	2	0	5	2	2	3
3	5	2	5	0	1	0	0	4	0	2	2	2	2
4	2	2	5	3	4	2	1	2	***	2	0	3	2
5	2	2	1	6	3	4	3	2	1	2	2	2	2
6	1	1	1	2	2	2	1	2	2	2	2	2	2
7	2	2	4	3	1	2	1	2	3	2	2	3	3
8	4	2	3	3	4	1	0	2	1	2	2	2	2
9	2	2	2	1	2	2	1	2	2	0	3	0	3
10	2	4	0	1	3	4	2	3	1	2	6	2	3
11	3	1	3	5	2	2	0	2	2	2	2	2	2
12	2	3	4	6	3	3	2	2	3	3	4	5	3
13	9	9	10	18	18	9	6	***	7	9	7	8	10
14	9	6	11	4	5	2	2	4	2	1	3	8	5
15	3	3	2	7	5	3	4	3	3	5	3	11	4
16	12	15	10	12	9	6	12	9	6	8	7	7	9
17	5	2	1	2	0	2	2	0	0	3	3	2	2
18	2	2	3	12	17	12	12	6	9	9	5	3	8
19	5	4	7	8	9	***	8	7	7	7	7	7	7
20	7	8	11	13	3	1	7	12	9	9	8	12	8
21	13	15	16	20	18	18	16	12	5	6	4	3	12
22	5	8	8	13	12	10	12	5	8	6	7	9	9
23	4	5	3	4	4	3	2	3	0	2	2	2	2
24	4	0	2	3	0	0	2	3	4	2	3	3	2
25	3	1	3	4	5	3	2	2	2	2	3	2	3
26	3	2	2	3	2	3	4	4	2	2	1	3	3
27	2	5	2	3	3	3	2	2	4	7	5	2	3
28	2	2	2	3	0	0	***	0	5	2	7	6	3
29	5	7	11	21	6	5	6	3	2	2	2	0	6
30	5	3	3	4	7	7	9	9	8	9	0	5	6
31	3	2	4	8	5	4	3	2	2	2	2	2	3
MEAN	4	4	5	7	5	4	4	4	3	4	4	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	3	7	0	3	2	9	13	5	6	4
2	7	5	7	5	0	2	0	2	0	5	0	2	3
3	2	2	3	2	2	3	0	2	1	3	3	2	2
4							- DATA MISSING -						
5	****	****	****	****	****	****	****	8	0	4	1	2	****
6	0	1	2	0	2	3	2	1	1	0	0	2	1
7	0	3	1	2	2	0	3	2	2	6	1	2	2
8	5	1	0	4	2	5	0	3	4	4	11	10	4
9	10	9	10	9	6	3	0	3	7	8	2	4	6
10	2	5	0	2	2	2	6	1	2	0	3	2	2
11	1	3	0	8	5	4	4	2	7	0	4	6	4
12	7	3	4	6	11	2	6	6	6	7	13	9	7
13	9	9	7	7	7	4	0	2	4	3	3	2	5
14	4	3	2	7	8	5	2	4	3	9	5	2	5
15	0	2	0	4	7	12	3	10	11	5	0	1	5
16	5	3	0	6	2	5	3	8	7	3	8	2	4
17	16	10	9	7	10	****	****	****	****	****	****	****	****
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25	****	****	****	****	****	****	****	****	4	0	4	3	****
26	4	6	2	4	10	6	7	0	4	3	7	2	5
27	2	2	2	9	9	0	4	0	4	5	3	2	2
28	4	2	4	0	2	0	3	1	3	1	2	0	2
29	0	0	5	4	3	2	3	5	5	2	0	0	2
30	0	1	2	2	2	2	0	0	2	7	6	1	2
MEAN	4	4	3	5	5	3	3	3	4	4	4	3	4

PERCENTAGE OF DATA VALID - 67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	4	2	7	2	0	1	0	2	4	3	3
2	2	3	2	8	7	3	1	3	0	1	1	3	3
3	3	2	2	3	3	6	3	9	1	2	3	2	3
4	0	0	0	3	4	5	2	5	2	3	0	4	2
5	2	2	7	7	7	3	4	3	6	4	11	5	5
6	9	6	3	2	1	3	0	8	5	6	6	7	5
7	5	3	8	10	5	2	6	5	1	8	2	4	3
8	2	3	1	2	****	3	5	****	****	2	7	6	5
9	11	6	6	7	8	8	4	6	12	9	12	14	9
10	9	4	7	11	13	16	18	10	13	6	1	2	9
11	2	5	1	2	2	2	3	3	2	4	2	4	3
12	3	6	8	6	9	6	4	3	8	6	6	4	6
13	10	0	1	3	1	1	2	1	6	1	5	3	3
14	8	4	4	13	18	7	5	9	11	4	3	4	8
15	3	6	4	7	9	6	14	9	3	2	4	2	6
16	3	4	4	2	2	5	2	5	9	1	5	7	4
17	3	2	3	2	7	0	2	7	2	7	2	2	3
18	2	0	0	2	0	5	2	2	0	3	3	5	2
19	6	3	0	7	7	7	5	6	5	3	3	2	5
20	0	5	3	2	11	5	5	5	11	5	7	10	6
21	7	13	8	2	8	5	3	7	7	3	5	2	6
22	2	3	0	2	3	2	0	3	5	3	5	7	3
23	8	7	9	23	23	18	2	6	8	3	6	3	10
24	5	3	2	7	2	0	2	3	0	0	3	2	2
25	0	4	5	2	1	4	3	5	6	7	5	9	4
26	11	9	11	2	5	4	7	3	0	2	2	0	5
27	1	2	0	4	2	3	4	11	3	10	6	2	4
28	4	2	1	3	6	0	2	2	2	4	0	0	2
29	2	2	2	5	2	9	2	4	2	2	8	0	3
30	7	5	0	8	3	****	****	****	****	****	****	****	****
31							- DATA MISSING -						
MEAN	4	4	4	5	6	5	4	5	5	4	4	4	4

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - CHATHAM/FRID HAMILTON

NO 29017

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	21	5	8	25
FEB	9	7	17	31
MAR	18	4	8	15
APR	19	1	2	5
MAY	26	2	5	9
JUN	30	3	6	13
JUL	31	2	5	11
AUG	31	2	6	11
SEP	30	3	7	15
OCT	31	4	12	21
NOV	22	4	7	16
DEC	30	4	10	23
YEAR	298	3	17	31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	117	112	13	3	1	0	0	246
FEB	51	28	15	7	0	1	0	102
MAR	132	53	10	0	0	0	0	195
APR	207	3	0	0	0	0	0	210
MAY	262	32	0	0	0	0	0	294
JUN	288	66	2	0	0	0	0	356
JUL	342	25	1	0	0	0	0	368
AUG	318	50	1	0	0	0	0	369
SEP	293	55	7	0	0	0	0	355
OCT	245	93	21	8	1	0	0	368
NOV	165	70	6	1	0	0	0	242
DEC	206	121	17	4	2	0	0	350
YEAR	2626	708	93	23	4	1	0	3455

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
78	0	0.4	1.1	1.8	3.1	6.7	8.7	11.7	14.3	31	3.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JAN 71

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY	1	1	1	2	2	6	4	7	10	5	2	1	5	1	2	3	5	6	6	8	5	8	7	5	4
2	8	7	7	7	10	8	10	6	6	6	3	4	2	3	3	3	4	3	4	3	6	4	5	3	3
3	4	5	1	0	1	3	3	3	6	3	3	3	3	3	3	3	2	3	4	4	3	6	5	2	3
4	3	2	3	3	4	5	6	7	3	10	9	11	14	19	3	5	5	4	3	2	2	2	2	2	5
5	1	1	1	2	1	2	3	4	3	3	2	3	3	3	3	4	4	4	4	5	4	4	4	4	3
6	4	4	3	3	3	3	4	4	3	2	2	3	3	3	3	4	5	4	3	3	4	4	4	4	3
7	3	2	2	2	3	3	4	5	5	5	4	4	4	3	4	5	5	5	2	4	3	4	3	5	4
8	4	5	7	9	3	2	5	5	1	6	4	5	5	5	4	4	9	7	6	9	21	15	9	11	7
9	15	16	9	4	3	3	2	6	5	3	5	7	5	3	5	6	6	8	8	6	6	5	7	7	6
10	10	8	12	16	7	5	3	3	5	3	4	5	4	4	3	3	4	3	4	4	5	4	3	5	5
11	5	5	6	9	7	4	6	8	5	6	5	6	7	3	4	8	8	11	7	7	5	6	4	5	6
12	5	2	1	1	0	0	1	2	6	2	2	1	5	7	5	6	7	5	5	5	6	10	16	11	5
13	12	9	12	5	2	2	6	4	0	7	5	4	6	5	5	7	8	5	4	4	7	6	5	5	6
14	6	7	7	6	8	8	6	10	5	11	6	5	5	5	5	7	8	6	6	5	5	6	5	4	6
15	5	7	7	11	6	5	5	10	9	6	6	8	3	2	2	3	2	2	2	4	4	5	3	3	5
16	3	2	1	2	3	2	10	13	1	0	4	3	5	4	4	5	5	4	3	4	15	8	8	11	5
17	18	17	18	7	9	12	8	13	2	6	5	5	5	4	4	4	8	5	5	4	3	4	4	5	7
18	2	1	1	1	1	1	2	2	0	2	2	4	3	5	4	2	4	4	9	7	5	3	12	12	4
19	8	7	10	4	5	11	10	16	10	4	0	0	1	0	0	2	6	4	5	8	5	5	5	3	5
20	3	8	10	8	15	10	15	17	3	10	6	5	4	3	3	5	9	5	5	6	3	2	3	4	7
21	4	3	3	4	4	6	6	6	6	5	3	3	4	4	4	5	5	4	4	5	4	5	6	5	5
22	5	3	3	5	5	7	6	11	1	6	6	4	4	3	4	5	7	8	7	9	10	7	6	10	6
23	14	15	11	8	7	6	6	5	2	3	5	3	3	3	3	3	3	6	7	4	4	4	3	2	5
24	2	3	3	3	5	5	6	7	4	5	6	5	5	5	6	7	7	8	7	8	8	8	8	7	6
25	6	8	5	9	7	11	9	9	8	7	6	7	5	7	6	8	11	11	11	10	9	8	9	13	8
26	18	10	8	6	5	4	7	7	5	7	2	2	4	4	4	6	6	6	6	4	2	6	6	4	6
27	10	3	3	3	2	2	4	6	4	6	5	2	2	3	5	5	6	7	8	5	5	4	4	5	4
28	4	4	5	4	5	4	8	8	3	6	7	4	4	4	4	7	6	5	5	3	3	3	4	4	5
29	3	2	3	3	3	5	4	5	4	5	4	4	4	4	6	7	10	7	6	7	7	6	7	11	5
30	7	5	4	4	4	6	8	4	4	4	3	5	3	4	4	6	6	5	9	5	6	7	5	4	5
31	4	3	4	3	3	4	6	7	2	6	4	4	5	4	4	5	4	5	5	6	5	4	6	5	5
MEAN	6	6	5	5	5	5	6	7	4	5	4	4	4	4	4	5	6	5	5	5	6	6	6	6	6

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH FEB 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	4	5	4	4	6	6	5	9	7	5	7	6	7	8	6	6	5	6	4	5	5	6	6
2	4	6	11	12	9	10	10	12	5	7	7	5	6	8	4	6	7	5	6	7	9	7	12	13	8
3	12	8	8	7	8	11	11	15	13	13	11	8	7	6	5	7	12	10	12	11	9	10	9	10	10
4	15	13	13	11	10	15	13	14	4	9	9	11	11	11	13	11	12	11	11	10	7	7	8	9	11
5	7	10	11	10	7	11	16	4	2	3	3	3	2	3	4	4	3	3	3	3	3	3	3	3	5
6	2	2	4	5	5	4	4	4	4	5	6	4	4	5	5	6	5	5	6	5	6	7	8	8	5
7	9	10	8	13	16	15	12	11	7	16	10	10	9	11	7	9	9	7	5	7	6	6	7	7	9
8	6	4	3	3	3	2	4	4	3	3	6	3	3	3	2	2	4	3	2	2	2	1	1	2	3
9	4	4	4	3	4	6	5	7	5	6	6	7	4	4	3	5	8	5	5	5	4	6	6	4	5
10	5	4	4	5	5	3	4	6	4	4	3	3	5	5	6	8	8	8	5	6	7	6	5	5	5
11	6	6	6	5	5	7	9	9	5	10	6	6	7	7	8	7	8	7	6	6	6	5	5	8	7
12	5	4	4	5	5	6	8	12	4	9	7	7	8	8	13	11	15	13	13	8	5	3	2	2	7
13	2	2	2	2	2	2	1	2	7	1	2	2	1	2	1	2	2	2	1	2	2	2	2	3	2
14	2	5	2	4	6	4	3	5	4	4	3	3	4	3	4	4	5	3	4	7	4	6	4	5	4
15	6	5	5	5	5	6	11	9	6	6	10	8	6	4	7	6	10	8	11	8	9	8	8	9	7
16	9	7	4	4	2	4	2	5	2	3	7	8	6	6	5	5	7	5	5	6	6	7	11	8	6
17	5	7	6	9	7	6	10	17	4	12	13	11	18	9	11	10	11	10	6	5	5	5	7	6	9
18	6	9	8	7	9	8	8	8	8	7	5	4	5	8	8	8	10	8	11	12	11	18	11	12	9
19	11	10	10	7	4	6	6	13	3	6	6	6	6	6	6	6	8	6	7	6	4	9	7	9	7
20	8	10	8	5	7	8	9	11	2	5	6	8	17	13	5	5	5	4	4	4	6	7	7	7	7
21	9	4	4	6	5	11	6	4	8	3	2	2	3	2	2	2	1	2	3	2	2	2	1	1	4
22	5	3	2	4	4	5	5	6	7	7	9	8	7	6	6	7	11	8	7	6	7	6	7	8	6
23	11	8	7	10	11	8	16	8	3	3	4	3	2	3	3	4	5	5	5	5	4	5	4	5	6
24	6	7	5	5	6	6	10	10	9	8	6	5	4	3	3	4	6	6	7	5	4	6	5	5	6
25	4	4	4	7	5	7	11	8	4	5	4	5	5	7	6	6	6	6	10	13	7	9	10	10	7
26	14	13	14	15	16	13	14	12	5	15	14	17	9	12	11	3	14	15	16	10	13	15	15	15	13
27	17	13	4	4	3	2	2	8	2	3	3	2	1	1	2	1	1	2	2	1	1	2	1	2	3
28	1	1	1	1	1	2	2	4	3	2	2	2	3	2	2	2	2	3	4	5	5	6	5	3	3
MEAN	7	7	6	6	6	7	7	8	5	7	6	6	6	6	6	6	7	6	7	6	6	6	6	7	6

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAR 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	8	12	8	4	12	8	1	7	4	3	3	4	3	3	4	4	7	5	6	6	5	4	5
2	7	9	6	7	8	11	13	10	6	4	3	3	2	3	2	1	2	3	2	5	6	1	4	1	5
3	3	1	2	2	2	2	2	2	4	4	3	3	3	3	2	3	4	7	4	5	3	2	2	2	3
4	1	1	2	2	3	3	2	3	1	4	5	4	2	2	4	5	6	4	5	4	5	6	5	5	4
5	3	4	4	4	6	5	8	8	7	6	6	5	5	5	5	5	7	7	9	10	7	8	10	7	6
6	8	7	7	8	5	7	7	10	10	11	10	8	10	10	8	8	8	9	10	8	6	6	7	8	8
7	7	8	7	9	4	2	1	2	0	2	3	3	3	2	2	2	2	3	2	4	2	2	4	2	3
8	2	2	2	2	2	2	4	4	4	4	5	4	3	4	4	4	6	6	5	4	5	3	4	3	4
9	4	4	5	6	4	4	8	6	8	3	3	4	3	4	3	4	5	5	5	4	8	8	9	7	5
10	6	9	8	11	11	6	7	10	7	10	8	8	8	6	7	10	11	9	8	8	7	7	6	7	8
11	9	9	9	3	3	6	10	6	3	8	7	9	5	4	5	5	6	6	6	5	7	7	9	8	6
12	11	13	11	12	12	15	18	27	9	15	11	11	5	4	5	9	12	7	7	10	7	8	6	3	10
13	8	6	8	9	7	6	6	7	5	5	5	5	4	5	5	6	9	9	11	12	9	9	6	8	7
14	8	10	14	12	12	12	9	10	10	12	8	11	15	15	10	15	14	15	14	10	6	13	9	11	11
15	9	5	5	5	5	4	5	6	5	4	3	4	2	2	2	5	3	3	3	4	2	3	3	3	4
16	2	3	2	2	2	5	5	4	6	5	4	3	3	3	5	5	6	5	2	3	4	5	6	5	4
17	2	3	3	4	5	7	9	8	1	3	1	2	1	1	2	2	2	3	3	6	3	2	6	6	4
18	5	6	7	8	8	9	11	13	3	5	3	3	3	3	4	4	4	5	5	4	6	5	6	6	6
19	8	8	8	4	5	6	7	6	10	9	10	7	7	11	7	10	14	14	5	3	4	3	6	3	7
20	3	2	3	6	7	7	3	6	6	7	4	2	2	2	2	2	4	4	4	2	2	4	2	4	4
21	5	6	3	3	3	3	3	3	2	4	3	1	1	2	2	1	2	2	5	5	6	6	2	2	3
22	4	4	5	4	4	5	3	7	4	6	5	3	2	1	2	4	4	6	5	6	6	5	4	4	4
23	7	2	7	6	7	8	10	16	10	4	3	3	2	0	2	4	4	3	2	3	5	4	4	8	5
24	6	4	5	4	7	6	6	6	5	2	2	1	2	2	1	3	3	3	4	5	3	4	5	8	4
25	5	5	4	4	6	7	9	9	4	4	1	2	1	1	2	3	3	3	4	3	5	8	5	3	4
26	2	2	2	2	2	4	3	4	2	6	5	1	4	4	3	4	5	4	3	4	5	4	3	6	4
27	9	9	4	5	5	6	7	7	2	3	3	2	3	3	2	5	4	4	3	4	6	6	7	4	5
28	6	5	5	7	8	8	8	5	4	3	4	4	5	5	7	5	6	2	4	4	7	8	5	4	5
29	4	3	3	3	4	7	6	7	7	7	4	3	3	4	4	3	4	5	4	4	4	4	4	5	4
30	2	3	3	3	4	6	6	6	3	3	4	4	3	2	4	2	5	4	3	5	7	7	7	7	4
31	9	7	7	10	9	13	14	14	3	3	2	2	2	2	2	3	6	5	4	5	7	6	6	7	6
MEAN	5	5	5	6	6	6	7	8	5	6	5	4	4	4	4	5	6	5	5	5	5	6	5	5	5

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH APR 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	7	9	8	7	11	6	5	6	8	13	12	9	12	17	14	15	17	10	3	2	3	4	2	9
2	2	2	2	2	5	3	5	4	4	3	3	5	3	2	2	2	2	2	2	3	2	2	3	3	3
3	3	2	1	2	2	1	2	4	1	2	2	3	3	2	3	3	5	2	5	6	5	3	6	3	3
4	2	4	3	4	3	4	2	2	4	2	3	3	6	6	5	3	4	3	4	1	1	6	4	9	4
5	9	11	10	11	9	9	15	14	5	1	1	2	2	3	2	3	6	7	3	3	4	3	3	3	6
6	3	4	4	5	4	5	8	5	6	13	6	8	6	4	5	5	8	6	6	6	5	8	9	4	6
7	5	11	13	22	11	9	9	8	4	3	3	2	1	1	1	0	1	1	1	1	1	2	3	4	5
8	5	6	4	2	4	5	6	4	4	3	3	4	2	3	2	4	4	4	3	3	3	3	5	4	5
9	11	13	12	9	8	6	4	5	0	4	4	4	3	5	4	3	5	5	5	4	2	1	2	1	5
10	1	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	4	5	3	5	2
11	7	7	12	7	8	9	11	7	0	0	2	3	2	2	3	3	0	2	3	7	9	6	9	8	5
12	8	13	14	7	8	6	6	6	5	2	1	1	1	1	1	1	1	1	1	4	5	4	1	1	4
13	0	1	1	1	1	1	1	0	••••	3	2	3	••••	5	3	6	4	5	5	2	4	3	4	3	3
14	4	4	4	3	1	2	2	3	1	6	2	2	1	1	1	1	4	1	2	1	4	3	7	4	3
15	4	5	3	3	4	4	8	5	6	3	3	1	3	2	1	1	4	1	5	3	5	2	7	5	4
16	9	4	10	4	7	4	8	6	3	4	1	1	1	1	2	2	10	4	5	5	10	10	7	9	5
17	12	22	15	22	23	14	6	16	18	13	10	8	8	9	13	19	15	9	8	7	17	16	18	9	14
18	15	11	9	6	6	9	9	8	13	13	10	8	9	7	9	13	11	12	9	6	3	4	5	9	9
19	9	11	••••	10	24	20	24	12	8	10	11	4	7	6	11	3	7	6	5	9	10	12	6	12	10
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21	5	7	6	3	5	4	6	2	3	3	1	4	3	3	3	2	2	2	1	2	1	2	1	3	3
22	2	2	2	1	2	2	4	2	0	2	2	2	2	2	2	2	3	1	3	5	5	6	5	4	3
23	8	7	5	4	7	6	9	7	5	4	4	3	2	3	2	3	5	5	4	5	4	5	3	5	3
24	4	4	5	5	4	3	4	4	4	4	3	2	3	3	2	4	4	3	2	2	3	3	5	3	3
25	3	4	3	4	5	4	6	4	1	2	4	5	2	2	3	3	3	3	3	4	6	6	2	3	4
26	7	4	5	7	5	7	9	7	3	5	2	2	1	1	3	2	1	2	7	5	5	6	4	4	4
27	5	3	6	6	7	9	14	6	2	7	8	10	11	7	10	13	6	18	16	13	8	11	16	18	10
28	26	23	26	21	23	18	19	15	8	15	15	6	8	7	21	21	18	15	14	8	6	7	6	5	15
29	6	7	7	6	5	9	10	12	7	9	7	6	9	8	8	13	8	9	7	7	9	7	9	8	8
30	12	8	9	6	9	10	17	15	3	4	6	3	5	11	9	6	9	4	5	6	9	13	13	12	9
MEAN	7	7	7	7	7	7	8	7	5	6	5	5	4	5	5	6	6	6	6	5	5	6	6	6	6

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAY 71

STATION - BARTON/WENTWORTH HAM. OAMST	NO 29025	MONTH MAY 71	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	12	9	18	15	22	22	17	3	5	3	3	4	4	4	4	5	5	5	5	6	10	30	7	6	10	
2	12	14	16	7	10	8	5	4	0	3	4	4	3	2	2	4	4	4	29	3	1	1	1	2	1	6	
3	1	1	1	1	6	7	4	4	3	3	2	2	2	2	2	4	4	4	1	3	3	7	8	3	4	3	
4	6	5	7	6	6	8	11	9	8	3	2	2	2	2	4	4	4	4	4	4	4	11	11	7	8	6	
5	6	6	10	6	6	9	11	13	5	12	6	13	8	14	16	23	19	10	9	14	21	21	21	14	12		
6	19	16	13	14	18	23	7	14	2	11	5	10	9	8	6	5	6	7	6	8	7	4	9	13	10		
7	19	16	10	15	13	20	25	24	17	25	15	7	9	7	11	13	6	5	6	8	18	13	8	9	13		
8	17	8	11	7	8	10	9	3	12	14	12	14	14	14	12	18	13	8	8	14	15	12	22	16	12		
9	14	20	14	21	15	22	15	11	7	9	8	8	7	7	4	4	3	3	4	3	5	5	9	6	9		
10	11	6	9	7	11	15	12	12	3	4	2	3	11	7	6	6	5	3	2	3	2	3	6	6	6		
11	7	8	10	13	15	19	11	12	4	5	14	21	21	19	12	9	9	11	17	13	13	14	19	14	13		
12	17	16	22	9	13	16	15	16	6	7	7	7	4	3	3	4	4	4	2	3	3	4	3	6	2	8	
13	2	2	2	5	4	7	7	6	1	5	5	5	4	2	3	4	4	3	3	4	4	5	5	3	8	4	
14	4	6	4	4	3	3	5	4	1	2	2	2	1	2	4	3	4	0	4	3	5	7	9	8	4		
15	4	7	6	9	9	7	4	4	4	4	4	4	4	4	5	2	4	4	4	6	5	4	5	5	5		
16	5	3	6	4	3	4	3	5	4	5	0	5	4	4	2	2	1	4	0	2	2	3	7	12	4		
17	5	2	5	2	6	5	8	8	4	3	1	2	4	2	2	2	0	5	7	8	5	5	7	5	4		
18	6	5	4	4	3	9	9	9	2	7	7	6	7	4	5	4	3	5	3	5	2	5	7	4	5		
19	5	9	9	7	9	10	9	10	1	8	6	7	6	6	6	5	6	4	5	5	5	5	6	3	6		
20	3	3	3	3	3	1	7	5	3	3	4	3	3	3	3	4	8	2	3	1	5	4	4	4	4		
21	5	4	5	6	7	9	11	11	4	8	11	6	5	3	3	4	7	2	3	2	2	6	5	2	5		
22	4	11	2	3	2	5	3	3	1	2	3	2	1	2	1	2	1	2	1	2	1	2	2	2	3		
23	3	2	3	3	2	4	5	9	1	7	13	11	17	15	11	7	3	17	17	9	22	16	7	17	9		
24	8	8	5	5	7	9	10	6	8	7	11	8	7	10	13	9	11	10	11	12	8	7	8	12	9		
25	0	0	10	10	17	33	11	10	12	11	3	1	2	2	3	2	1	2	2	2	2	2	2	0	6		
26	1	0	2	1	2	3	3	8	2	4	4	3	3	3	3	3	5	4	4	3	3	3	3	3	3		
27	3	2	2	2	4	5	8	9	8	6	2	6	5	7	6	10	5	7	8	5	7	10	13	10	6		
28	8	8	4	3	7	13	12	10	9	14	7	8	3	5	6	7	4	4	3	5	7	6	6	7	7		
29	6	3	9	15	13	14	13	13	10	21	13	6	7	4	5	13	7	3	2	4	5	9	9	10	9		
30	11	9	8	9	11	8	7	12	8	18	12	6	5	4	6	8	4	12	4	5	8	7	9	6	8		
31	2	4	5	3	4	4	5	4	9	6	7	7	10	7	11	8	6	10	13	5	3	3	1	6	7		
MEAN	7	7	7	7	8	11	9	9	5	8	6	6	6	6	6	6	6	5	5	5	5	8	8	7	7		

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JUN 71

STATION - BARTON/WENTWORTH HAM. OAMST	NO 29025	MONTH JUN 71	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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2	9	4	4	5	11	13	9	10	15	15	8	9	17	18	25	31	29	32	23	23	19	11	13	16	15		
3	16	4	4	4	5	6	7	5	4	4	3	4	4	4	5	4	4	4	5	5	4	6	6	5	5		
4	5	5	5	6	4	7	8	9	6	5	6	4	3	4	4	3	4	3	6	14	8	16	23	18	7		
5	13	6	15	8	3	3	7	6	2	6	3	4	4	3	5	6	9	11	11	11	11	8	9	9	7		
6	***	7	9	7	8	1	8	8	1	2	7	5	13	23	26	10	2	***	***	***	5	1	2	2	7		
7	4	2	2	2	2	4	4	6	***	4	3	4	4	4	6	6	6	4	4	5	***	***	2	2	4		
8	2	2	3	2	3	6	8	7	5	4	3	3	4	11	5	8	3	1	1	2	2	3	3	2	4		
9	2	3	2	2	4	3	3	3	3	3	3	3	3	6	7	6	7	5	3	2	2	5	3	2	4		
10	6	3	3	6	4	7	9	8	7	12	10	6	15	15	6	11	11	11	11	11	11	14	12	12	9		
11	13	6	12	8	11	13	16	8	3	12	10	14	13	19	11	24	16	23	17	10	13	13	7	18	13		
12	14	9	6	7	6	9	11	13	17	18	25	20	40	7	5	4	5	2	4	3	3	4	4	4	10		
13	6	4	4	7	8	4	4	9	7	6	12	13	14	14	17	12	11	16	5	6	5	9	7	12	9		
14	9	14	9	15	17	20	14	19	10	18	12	17	15	10	12	13	22	17	8	17	17	14	12	12	14		
15	9	16	10	10	12	8	10	13	9	14	13	12	11	10	19	14	14	10	12	24	15	15	10	9	12		
16	15	11	10	16	18	10	13	10	9	17	9	11	12	14	13	16	14	21	43	6	8	7	11	12	14		
17	11	15	17	12	12	16	11	12	9	7	6	6	5	4	6	11	11	5	3	4	3	9	14	11	9		
18	14	7	9	10	11	15	15	17	19	31	28	27	31	18	9	8	7	6	5	9	7	6	9	8	14		
19	9	13	12	14	10	10	14	17	22	29	30	24	19	26	21	7	8	24	21	20	16	15	4	3	16		
20	4	4	5	5	4	3	4	5	4	3	3	2	3	2	2	2	2	2	0	1	1	3	2	2	3		
21	2	2	6	6	5	9	4	7	3	2	0	2	2	1	3	10	3	1	9	7	2	8	5	3	4		
22	3	2	3	3	3	4	7	11	3	14	9	6	8	17	9	7	2	3	2	3	5	7	7	6	6		
23	6	6	6	8	8	14	13	13	12	16	28	21	17	16	16	10	9	5	2	4	4	3	3	2	10		
24	3	4	4	5	5	8	10	10	3	4	3	3	3	4	5	4	3	5	6	5	5	12	3	7	5		
25	8	9	15	19	3	14	16	15	14	14	9	15	12	18	9	22	15	15	15	15	16	6	5	5	13		
26	3	3	5	2	5	5	6	9	9	6	4	8	7	9	12	9	6	3	6	8	4	3	7	7	6		
27	6	7	4	5	5	5	4	3	2	6	14	6	3	3	6	7	5	4	3	3	4	5	36	16	7		
28	10	5	17	12	4	10	2	2	13	15	18	19	14	11	12	13	11	13	10	10	15	7	8	8	11		
29	4	9	10	7	2	2	2	2	2	3	4	3	3	3	4	4	8	4	3	4	4	3	3	3	4		
30	3	3	3	3	4	7	11	12	11	2	3	2	3	5	7	5	4	1	4	3	5	4	4	4	5		
MEAN	7	6	7	7	7	8	9	10	8	10	10	9	10	10	10	10	9	9	9	9	8	8	8	8	8	9	

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

	STATION - BARTON/WENTWORTH HAM. OAMST								NO 29025								MONTH JUL 71															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN							
1	3	4	0	0	2	4	4	0	0	1	2	2	2	1	2	3	1	2	1	2	2	4	1	1	2							
2	1	8	3	2	1	1	2	3	4	3	1	1	3	5	6	4	6	3	2	3	2	1	1	2	3							
3	4	3	3	3	3	1	3	8	10	7	6	7	9	7	7	12	7	7	2	2	2	3	1	5	5							
4	7	9	5	5	2	6	0	6	11	18	23	18	20	10	4	4	4	4	4	4	5	8	4	4	8							
5	5	4	4	4	4	5	6	5	5	6	8	7	8	7	6	7	7	6	12	13	8	6	3	3	6							
6	1	4	2	3	3	5	5	6	5	4	4	2	2	3	3	5	3	2	2	4	4	5	4	5	4							
7	5	4	4	5	6	9	5	6	5	3	3	3	3	3	3	3	3	3	3	3	4	6	6	5	4							
8	4	5	9	13	14	14	11	8	6	5	6	7	5	5	6	7	8	7	6	6	6	5	6	4	7							
9	4	5	4	3	4	4	5	5	4	3	2	1	2	2	2	2	3	10	2	3	3	3	4	4	4							
10	4	5	6	4	4	3	5	5	2	2	2	2	2	2	2	1	2	7	14	13	5	2	3	2	4							
11	7	10	3	4	4	3	3	9	4	8	7	2	3	2	2	3	4	8	10	7	5	5	2	2	5							
12	2	3	3	2	5	6	5	7	12	11	9	4	8	6	7	7	8	4	2	2	3	2	2	3	5							
13	3	3	2	2	3	6	5	7	7	4	4	7	3	2	2	4	3	4	4	0	2	1	3	3	2							
14	2	1	1	1	1	2	5	3	2	2	2	2	2	2	4	7	4	4	4	4	2	2	3	1	4							
15	3	2	3	2	3	6	7	6	3	3	2	2	3	2	4	7	4	3	4	4	5	4	3	3	4							
16	3	2	3	2	2	4	5	5	4	4	3	2	2	3	3	4	3	3	4	2	3	2	2	1	3							
17	1	3	3	2	2	1	2	2	2	4	1	2	1	1	1	2	1	2	1	1	2	3	3	2	2							
18	2	2	2	2	1	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	3	1							
19	1	1	1	4	5	11	10	11	16	16	12	7	9	7	11	9	9	8	3	2	1	1	1	7	3							
20	3	2	2	2	3	7	7	5	6	4	2	2	2	1	2	2	3	3	3	4	3	4	5	4	3							
21	6	4	4	4	1	6	8	10	4	3	3	2	3	5	5	5	4	3	3	3	4	4	4	5	4							
22	5	6	6	13	6	8	10	9	3	8	8	8	10	6	7	5	3	3	5	3	4	4	3	3	6							
23	2	3	4	5	5	6	8	7	7	6	5	4	6	6	4	4	3	3	4	3	5	4	3	6	5							
24	5	4	4	6	4	4	7	9	7	6	5	4	2	2	2	2	14	5	3	7	5	4	4	3	6							
25	2	2	2	2	2	2	2	2	3	2	2	2	2	1	1	2	1	1	2	1	2	2	2	2	2							
26	1	2	3	4	3	5	6	6	6	6	3	2	2	2	4	4	3	3	3	3	3	3	3	3	6							
27	1	2	3	2	1	2	4	6	5	5	4	4	4	4	7	5	5	6	5	6	4	3	3	4	2							
28	2	2	2	3	3	6	7	8	6	4	6	3	3	3	3	2	3	1	1	2	3	4	7	6	4							
29	3	3	2	3	3	6	7	8	6	4	6	3	3	3	3	2	3	1	1	2	3	4	7	6	4							
30	6	7	5	6	7	10	15	21	26	16	11	10	6	11	14	15	9	6	8	10	10	10	10	6	11							
31	5	1	1	1	2	1	1	2	1	1	1	1	1	1	2	1	1	3	2	3	3	2	3	3	2							
MEAN	3	4	3	4	3	5	6	6	6	5	6	5	4	4	4	5	4	4	5	4	4	4	3	3	4							

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

HOUR DAY	STATION - BARTON/WENTWORTH HAM. OAMST										MONTH AUG 71										23	24	MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20			
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2	10	10	9	8	7	2	6	7	5	3	3	3	3	3	3	3	3	4	4	5	4	1	4
3	4	3	4	4	6	8	7	9	5	4	4	4	2	2	3	2	2	2	2	2	5	4	2
4	1	2	2	2	2	4	8	4	3	3	4	5	8	8	8	10	7	5	5	4	3	6	3
5	13	12	6	6	5	6	7	5	7	2	3	3	2	1	3	5	10	7	5	5	4	3	7
6	13	12	6	6	5	6	7	5	7	2	3	3	2	1	3	5	10	7	5	5	4	3	7
7	13	12	6	6	5	6	7	5	7	2	3	3	2	1	3	5	10	7	5	5	4	3	7
8	13	12	6	6	5	6	7	5	7	2	3	3	2	1	3	5	10	7	5	5	4	3	7
9	13	12	6	6	5	6	7	5	7	2	3	3	2	1	3	5	10	7	5	5	4	3	7
10	13	12	6	6	5	6	7	5	7	2	3	3	2	1	3	5	10	7	5	5	4	3	7
11	1	1	1	1	2	4	4	4	4	4	5	3	2	3	3	2	2	3	1	3	2	3	3
12	2	2	1	3	3	4	7	7	4	2	4	3	4	3	14	6	5	3	3	2	3	3	2
13	3	3	2	2	3	6	7	6	5	4	5	5	9	5	6	6	6	5	4	5	6	5	6
14	5	4	4	4	4	6	8	8	7	6	7	5	5	6	6	6	5	6	7	8	6	5	6
15	6	9	3	3	4	2	2	4	6	7	4	3	7	4	10	12	12	15	10	6	7	5	6
16	5	7	5	5	6	10	11	15	5	9	6	4	7	11	10	6	6	5	5	11	13	7	8
17	6	5	7	11	11	13	14	11	11	4	5	13	17	10	4	5	4	37	8	3	5	7	1
18	6	7	9	8	8	11	13	11	15	14	10	8	12	10	12	13	13	19	8	7	15	15	11
19	11	9	14	5	7	10	13	10	11	7	7	7	5	7	6	7	7	5	6	5	7	6	5
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23	4	2	5	4	1	3	4	4	3	4	3	1	2	2	2	2	2	3	1	7	5	3	6
24	6	5	3	4	7	8	12	11	5	4	2	1	1	1	2	3	3	3	2	4	3	5	4
25	4	6	3	4	4	4	13	21	13	7	7	11	8	7	6	6	5	4	5	7	17	17	10
26	10	10	9	14	22	13	14	18	14	18	12	12	12	15	15	14	14	17	10	10	12	8	14
27	15	18	4	5	9	16	16	14	20	19	18	17	15	15	22	14	13	11	12	10	6	12	14
28	10	9	8	9	5	5	7	4	2	2	2	1	3	3	9	5	2	2	2	3	3	4	4
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30	4	3	3	3	3	10	7	7	7	7	6	5	5	5	6	7	4	11	4	7	5	5	6
31	9	14	17	10	13	26	14	8	6	12	5	5	6	8	9	8	7	8	4	5	5	11	7
MEAN	6	6	5	5	6	7	8	8	7	6	5	5	5	5	6	6	5	7	5	5	6	6	6

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH SEP 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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2	4	5	7	8	8	15	14	14	20	19	23	23	15	22	27	23	22	16	9	9	8	8	7	7	14
3	7	7	7	7	6	8	9	8	6	5	4	5	5	6	7	6	4	4	5	7	7	7	6	5	6
4	5	6	5	5	5	5	5	5	5	5	5	4	3	4	4	4	3	4	5	3	4	3	4	3	4
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6	7	10	5	5	5	6	9	10	7	5	4	3	4	5	0	4	4	3	4	3	4	3	2	2	5
7	8	2	2	2	3	5	7	7	6	3	3	3	4	3	1	3	3	3	4	2	3	2	3	4	4
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9	4	3	2	2	2	4	5	3	4	4	5	6	10	11	10	11	9	10	10	5	5	8	6	6	6
10	7	12	11	13	14	17	16	12	8	9	10	13	9	11	12	10	16	17	9	6	5	8	10	12	11
11	12	9	8	6	6	8	9	9	8	6	4	3	2	3	2	2	2	3	3	3	1	2	1	2	5
12	1	1	1	1	1	2	2	2	2	2	7	6	5	10	7	5	11	10	8	7	4	4	3	3	4
13	4	3	3	3	3	4	5	5	7	6	5	4	6	5	4	4	2	2	11	2	1	1	2	2	4
14	3	2	3	3	4	4	3	9	12	7	2	2	3	2	9	11	3	4	6	9	8	3	3	3	5
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MEAN	6	6	6	6	6	8	10	10	9	7	6	6	7	7	8	7	7	6	7	6	6	5	6	6	7

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH OCT 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	13	11	9	7	10	24	23	30	26	12	5	6	6	5	6	6	5	6	7	8	9	8	13	10	11	
2	7	11	7	6	6	6	7	7	6	7	5	5	6	5	5	5	5	5	4	5	7	8	6	7	6	
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7	1	1	3	4	2	8	11	10	16	2	6	4	2	4	6	8	8	12	7	7	6	7	10	5	6	
8	9	13	7	8	13	17	25	20	17	7	6	3	4	4	6	8	6	7	8	7	6	7	10	8	9	
9	16	26	5	3	4	6	6	7	11	7	10	9	14	5	6	3	5	5	4	4	6	5	6	5	7	
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11	6	3	4	4	3	3	3	4	3	4	5	4	3	3	2	2	3	3	2	6	3	5	3	3	4	
12	3	3	4	6	4	10	10	5	8	7	4	4	5	4	4	7	4	7	11	14	21	25	20	12	8	
13	14	10	9	26	17	26	40	37	25	17	14	21	20	18	21	16	22	11	18	18	19	12	19	19	20	
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18	8	8	8	7	8	13	20	28	20	19	26	26	18	17	11	14	12	13	10	11	11	15	19	11	15	
19	13	13	8	11	9	9	8	9	11	11	11	19	19	25	19	18	21	15	16	14	11	10	8	18	14	
20	20	26	26	26	25	25	29	14	8	8	7	8	14	21	18	10	22	19	19	9	12	27	21	25	18	
21	30	31	30	30	30	31	43	40	32	27	33	32	29	21	18	18	23	19	27	13	12	11	11	10	25	
22	11	8	7	8	12	18	17	13	16	18	15	14	19	20	20	23	14	11	8	8	12	13	9	7	13	
23	8	8	10	14	14	20	19	12	17	21	12	18	5	4	4	3	4	3	2	5	5	9	7	6	10	
24	5	6	5	7	10	13	13	18	5	6	6	7	3	4	4	4	4	4	4	5	6	9	4	9	7	
25	11	11	13	3	4	4	9	9	19	14	13	8	6	3	4	5	8	7	8	6	10	5	5	5	8	
26	10	8	5	5	5	5	8	8	6	5	5	5	7	6	7	8	7	6	6	4	6	5	5	6	6	
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31	8	10	8	8	13	9	10	12	12	11	8	6	4	4	3	4	4	4	3	3	3	7	3	4	7	
MEAN	10	11	9	10	10	12	15	15	13	11	10	10	9	9	9	9	9	9	9	9	9	10	10	9	9	10

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

	STATION - BARTON/WENTWORTH HAM. OAMST								NO 29025				MONTH NOV 71																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
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2	10	9	9	9	11	11	13	6	4	3	3	3	3	2	4	4	4	5	13	4	4	3	3	3	6				
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7	2	4	3	4	3	2	3	3	2	3	3	3	3	2	2	3	4	5	5	4	4	6	4	7	4				
8	7	7	5	6	7	7	16	15	11	11	3	2	2	4	9	6	7	14	15	22	14	12	10	14	9				
9	17	10	18	10	12	7	12	14	13	7	5	7	9	8	9	13	10	13	14	12	8	7	9	13	11				
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11	1	1	1	2	3	7	3	5	8	2	3	4	6	6	5	10	9	4	6	6	4	5	7	9	5				
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14	4	5	5	4	3	3	4	3	4	4	5	4	3	2	2	3	2	3	4	6	5	6	3	9	4				
15	8	4	4	4	5	5	6	7	7	15	15	22	10	10	10	10	10	10	10	7	8	6	7	8	9				
16	6	7	9	10	7	5	9	7	6	3	10	10	8	7	11	12	18	12	9	6	11	6	7	9	9				
17	11	14	10	8	7	7	9	17	27	17	5	5	4	5	7	9	11	14	8	11	14	13	15	23	11				
18	22	19	16	11	15	19	13	18	20	23	24	22	7	8	8	11	13	10	8	6	6	5	6	5	13				
19	5	5	4	3	4	4	5	5	9	3	3	4	4	3	4	4	7	3	3	3	2	3	5	4	4				
20	2	3	2	2	3	3	4	4	4	4	6	4	4	3	4	4	5	5	6	6	4	4	5	5	4				
21	6	5	7	3	7	4	4	5	9	3	1	0	1	1	2	1	1	1	2	2	2	1	1	1	3				
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23	5	7	16	12	9	10	19	23	13	7	4	4	5	4	5	7	11	6	7	5	6	9	4	9	4				
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25	9	8	13	9	9	13	12	13	19	18	15	9	9	7	9	15	11	8	9	8	7	7	7	13	11				
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27	7	5	4	5	8	8	9	14	11	13	10	7	5	5	6	6	7	7	4	5	7	7	10	10	8				
28	10	5	3	8	5	5	10	7	8	5	6	7	9	5	7	6	6	4	2	4	5	7	5	4	6				
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30	3	2	1	1	1	2	2	6	6	3	4	4	3	3	3	5	3	7	8	7	7	7	8	7	4				
MEAN	7	7	7	6	6	7	9	11	11	8	7	6	5	5	6	7	8	7	7	7	6	7	7	8	7				

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

	STATION - BARTON/WENTWORTH HAM. OAMST								NO 29025								MONTH DEC 71									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
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3	4	4	4	5	5	5	8	10	10	10	9	9	6	5	7	8	9	8	6	6	8	9	9	8	7	
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12	6	12	14	14	20	20	3	16	17	14	12	7	7	6	6	6	6	6	9	10	11	6	6	11	6	
13	8	6	4	4	3	5	6	7	7	4	5	4	4	5	5	6	5	6	6	7	8	11	5	6	6	
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17	4	4	5	4	3	5	8	7	9	15	7	6	6	5	6	5	7	6	7	4	5	3	3	3	6	
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21	7	7	10	8	6	6	8	8	10	8	8	7	8	5	5	6	7	6	6	6	5	2	3	4	7	
22	4	2	2	2	2	4	6	8	7	4	3	2	2	2	6	6	5	12	12	10	8	6	6	7	9	
23	10	8	13	11	9	10	19	18	15	19	24	19	6	5	5	7	8	7	6	6	6	5	6	4	10	
24	4	5	4	3	4	3	3	3	3	3	5	6	5	5	4	3	4	4	4	3	2	2	2	3	4	
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26	13	26	16	15	18	25	8	5	6	4	5	6	5	4	7	6	6	5	2	3	5	2	2	2	8	
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29	3	6	5	3	3	4	6	6	6	5	7	4	7	11	9	10	11	6	5	8	9	7	7	6	6	
30	3	5	18	5	6	7	11	7	6	6	5	9	13	12	11	8	10	6	4	5	4	5	5	5	7	
31	4	3	4	3	5	9	13	15	13	10	6	4	5	5	5	6	8	7	6	7	10	18	18	14	8	
MEAN	6	7	7	6	7	7	9	10	10	10	8	8	7	7	7	7	9	8	6	6	6	6	7	7	7	

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	5	8	21
FEB	28	6	13	18
MAR	31	5	11	27
APR	30	6	15	26
MAY	31	7	13	33
JUN	30	9	16	43
JUL	31	4	11	30
AUG	31	6	14	37
SEP	30	7	14	33
OCT	31	10	25	43
NOV	30	7	15	28
DEC	31	7	13	31
YEAR	365	7	25	43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	346	355	32	10	1	0	0	744
FEB	219	358	84	11	0	0	0	672
MAR	358	341	42	2	1	0	0	744
APR	360	252	66	22	17	0	0	717
MAY	299	295	97	32	20	1	0	744
JUN	234	248	139	58	27	6	1	713
JUL	482	217	23	6	6	0	0	734
AUG	343	272	73	17	6	1	0	712
SEP	252	350	67	33	13	1	0	716
OCT	144	327	131	70	62	9	1	744
NOV	248	344	77	31	18	0	0	718
DEC	198	407	86	38	14	1	0	744
YEAR	3483	3766	917	330	185	19	2	8702

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99	0	1.6	3.2	4.8	7.1	12.7	16.3	21.0	24.3	43	6.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	0	0	2	4	6	6	7	1	1	3
2	1	1	7	5	4	3	4	4	2	1	3	2	3
3	2	0	2	4	1	5	3	5	0	2	3	2	2
4	2	2	0	3	2	7	10	11	3	5	2	0	4
5	3	0	3	5	4	3	5	7	5	5	6	4	4
6	2	0	2	2	7	4	5	5	7	6	4	3	4
7	2	5	4	4	8	3	5	3	3	5	3	2	4
8	4	6	7	2	4	5	7	8	8	7	15	12	7
9	14	6	3	3	4	2	8	7	10	7	4	5	6
10	11	11	5	2	4	5	3	4	5	2	7	3	5
11	2	4	6	9	6	5	4	5	11	8	10	5	6
12	4	2	0	3	3	2	2	0	4	5	7	5	3
13	5	3	4	2	9	2	0	0	7	2	0	2	3
14	3	2	5	5	11	5	4	5	4	7	3	6	5
15	3	2	7	5	6	0	7	0	6	4	5	2	4
16	5	0	3	2	5	5	2	1	0	6	3	5	3
17	0	6	3	7	7	0	5	2	3	5	0	0	3
18	0	0	2	2	2	2	3	0	8	4	2	0	2
19	8	3	7	3	2	2	2	2	3	2	3	3	3
20	5	2	6	7	5	2	0	3	3	1	3	3	3
21	2	5	7	3	2	2	3	3	3	3	2	3	3
22	1	2	4	2	7	2	6	5	6	4	8	9	5
23	3	9	2	2	3	3	3	0	2	1	2	2	3
24	2	2	3	0	2	9	3	5	6	3	11	5	4
25	3	5	4	11	7	7	3	15	11	10	11	5	8
26	12	4	4	3	3	2	1	2	4	4	6	5	5
27	7	4	4	11	2	3	5	3	7	5	3	1	4
28	2	1	4	2	2	11	4	5	1	2	0	5	3
29	0	0	2	4	2	3	2	5	4	2	3	0	2
30	2	1	2	1	2	0	0	1	0	2	0	1	1
31	0	0	2	2	2	4	2	2	1	3	1	3	2
MEAN	4	3	4	4	4	4	4	4	5	4	4	3	4

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	2	3	4	2	2	3	1	2	0	1	2
2	3	3	2	4	1	3	2	4	2	4	8	2	3
3	3	8	5	7	13	10	9	6	1	5	9	7	7
4	6	8	10	7	7	8	15	14	4	2	3	4	7
5	2	1	1	3	1	1	3	3	3	2	5	5	3
6	5	3	4	3	4	0	3	2	3	4	3	7	3
7	5	2	5	4	11	0	4	2	4	4	4	4	4
8	***	***	***	***	***	***	3	4	3	2	2	***	***
9	2	3	6	4	2	2	2	2	3	3	0	5	3
10	4	5	5	5	3	6	2	2	1	2	5	5	4
11	4	4	4	9	9	9	5	4	4	3	3	3	5
12	7	2	2	6	6	7	9	6	7	9	5	3	6
13	2	3	0	1	2	3	1	4	0	2	1	3	2
14	4	7	0	3	4	2	0	3	2	1	4	2	3
15	3	3	4	5	5	4	5	2	3	2	4	1	3
16	2	2	1	3	1	2	2	1	2	3	5	4	2
17	3	4	7	5	10	4	7	5	9	3	5	8	6
18	7	5	3	13	3	4	5	5	3	6	6	5	5
19	7	10	2	3	4	4	1	2	3	2	2	1	3
20	4	0	3	3	3	6	6	5	2	2	2	2	3
21	2	1	0	5	0	2	0	2	2	2	2	2	2
22	***	***	***	***	***	***	2	3	0	0	2	0	***
23	3	2	7	6	2	0	3	0	4	2	5	7	3
24	3	3	0	0	7	5	0	2	5	7	3	5	4
25	4	3	5	5	5	5	2	5	5	7	5	7	5
26	11	9	6	11	11	11	2	3	6	2	7	3	7
27	2	3	0	0	0	2	0	3	4	0	2	0	2
28	2	2	0	0	0	3	0	0	3	2	2	1	1
MEAN	4	4	4	5	5	4	3	4	3	3	4	4	4

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	3	3	6	3	7	7	2	1	3	3	4
2	0	0	5	6	3	3	2	2	3	0	2	0	2
3	3	0	1	1	3	3	0	3	3	0	2	0	2
4	3	0	0	2	3	9	9	9	4	0	2	2	4
5	2	2	3	2	3	4	7	7	5	3	5	5	4
6	6	3	5	7	8	2	7	4	2	3	5	0	4
7	2	2	4	0	2	0	2	0	2	3	2	0	4
8	0	1	0	2	2	0	2	1	2	3	3	0	2
9	5	3	3	5	6	4	4	0	2	3	0	0	1
10	2	4	4	6	2	7	2	4	1	2	3	8	3
												6	4
11	4	1	3	2	4	10	5	4	5	1	6	5	4
12	5	7	8	16	15	7	2	2	0	1	2	5	6
13	3	3	3	4	2	4	2	5	2	6	5	4	4
14	5	6	7	3	5	7	3	2	3	1	8	3	4
15	4	4	0	2	2	3	0	2	2	2	0	4	2
16	2	0	2	0	2	2	0	3	4	0	4	2	2
17	2	3	3	2	0	4	4	***	6	6	7	6	2
18	10	2	6	6	5	2	6	4	6	4	4	7	5
19	10	5	3	0	4	1	2	4	9	3	0	2	4
20	3	1	5	3	5	0	2	4	3	4	9	3	4
21	10	4	3	2	1	2	2	0	0	2	2	2	3
22	1	5	11	7	6	6	1	2	7	2	0	1	4
23	7	6	8	13	14	2	***	2	3	7	9	3	7
24	3	8	5	4	5	3	5	4	3	6	5	3	5
25	4	8	7	7	11	1	1	0	2	2	1	1	4
26	2	2	3	2	4	1	0	2	0	2	1	1	2
27	7	6	0	3	1	0	2	0	2	1	0	0	3
28	3	2	1	1	4	1	2	3	0	7	5	8	3
29	3	4	2	4	2	1	3	4	4	2	3	3	3
30	3	6	3	5	5	1	8	3	7	3	5	6	5
31	5	5	6	5	4	11	1	2	2	1	2	3	4
MEAN	4	3	4	4	4	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	4	3	2	5	***	2	3	3	4	2	1	3
2	2	1	3	2	2	3	5	2	1	2	2	3	2
3	3	2	1	1	2	2	1	1	2	2	3	1	2
4	1	2	2	0	2	2	1	2	2	2	2	4	2
5	1	3	5	2	2	7	21	5	0	2	3	2	4
6	1	1	2	3	8	16	5	12	4	2	3	2	5
7	4	1	3	5	5	3	2	3	3	2	1	2	3
8	2	1	2	1	1	2	3	4	3	0	1	2	2
9	7	6	5	3	4	2	8	3	4	5	3	2	5
10	2	2	1	1	0	0	1	2	2	3	2	3	2
11	4	4	4	2	2	2	2	3	1	3	4	2	3
12	6	1	3	7	8	5	6	6	3	3	4	2	5
13	4	7	6	8	9	4	2	3	5	2	3	2	5
14	2	2	1	1	2	3	1	1	2	2	1	5	2
15	7	5	6	5	4	***	4	2	2	2	2	3	4
16	9	8	13	12	5	4	3	2	2	1	4	9	6
17	9	6	5	1	2	0	1	1	1	2	1	0	2
18	0	1	2	2	1	1	2	1	2	2	2	2	3
19	1	6	6	8	4	2	6	7	2	3	5	4	5
20	1	2	3	6	7	9	2	5	3	2	4	2	4
21	2	3	1	2	27	60	33	11	2	2	3	2	12
22	2	1	1	1	33	2	9	6	3	3	2	3	6
23	2	1	1	3	2	3	1	4	2	1	0	3	2
24	1	5	2	1	2	1	2	2	1	5	3	2	2
25	1	0	0	1	1	2	0	1	2	2	1	2	2
26	2	1	3	4	2	2	***	6	2	2	3	1	1
27	10	2	2	7	2	2	2	2	0	2	0	7	3
28	2	0	3	4	4	7	5	7	5	5	4	2	3
29	3	3	0	8	2	3	3	1	5	5	5	4	3
30	3	7	4	9	14	4	6	0	4	2	5	7	5
MEAN	3	3	3	4	5	6	5	4	2	3	3	3	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	8	4	3	2	2	3	1	2	8	14	7	5
2	10	3	2	2	2	2	2	0	2	2	3	1	3
3	0	0	2	6	3	2	1	3	2	2	5	0	2
4	1	3	10	12	8	1	4	3	2	3	6	3	5
5	2	3	3	5	7	8	3	7	4	5	5	3	5
6	9	4	6	4	5	3	2	3	0	3	2	3	4
7	6	10	5	12	2	2	2	2	0	2	2	1	4
8	1	3	0	0	0	1	1	0	3	0	2	11	2
9	12	12	9	6	3	2	0	2	1	1	3	3	5
10	4	5	5	14	6	2	4	2	2	3	1	3	4
11	5	5	5	9	8	5	5	8	9	3	11	13	7
12	4	2	8	7	4	3	5	5	1	0	4	0	4
13	3	2	2	7	5	4	2	3	0	2	2	0	3
14	5	5	3	3	3	0	2	2	2	0	5	2	3
15	3	1	5	2	0	2	2	3	2	2	0	3	2
16	2	4	1	1	2	3	3	3	1	1	2	7	3
17	3	6	7	4	7	***	0	3	2	4	3	2	4
18	3	3	4	6	8	5	4	4	1	1	2	2	4
19	2	2	6	2	6	5	4	3	3	0	5	4	4
20	3	4	4	7	2	0	5	3	0	1	3	3	3
21	2	4	4	10	****	****	****	****	****	****	****	****	****
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	4	4	5	6	4	3	3	3	2	2	4	4	4

PERCENTAGE OF DATA VALID - 65

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3	****	****	****	****	****	****	DATA MISSING	11	2	5	2	0	****
4	3	0	4	5	5	2	2	2	2	3	2	3	3
5	2	4	2	2	3	0	2	2	0	0	2	0	2
6	0	1	0	0	2	3	0	3	0	2	0	1	1
7	3	0	2	2	****	****	4	2	4	1	4	1	2
8	0	1	2	2	5	2	1	5	1	2	3	2	2
9	1	2	2	10	8	6	0	7	1	2	5	3	4
10	2	2	6	8	5	3	3	2	0	1	2	2	3
11	0	1	3	9	2	2	2	4	2	3	2	9	3
12	6	2	4	3	2	2	6	6	3	1	2	2	3
13	2	2	4	4	3	2	1	4	2	1	2	2	2
14	2	3	4	5	4	****	****	****	****	****	****	****	****
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
MEAN	2	2	3	5	4	2	2	4	2	2	2	2	3

PERCENTAGE OF DATA VALID - 35

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

MONTH NOV 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							DATA MISSING -						
2							DATA MISSING -						
3							DATA MISSING -						
4							DATA MISSING -						
5							DATA MISSING -						
6							DATA MISSING -						
7							DATA MISSING -						
8							DATA MISSING -						
9							DATA MISSING -						
10	****	****	****	****	****	****	0	2	2	3	0	2	****
11	2	2	2	2	3	3	3	2	3	4	3	8	3
12	5	5	7	10	14	9	5	2	7	9	3	15	8
13	12	9	11	5	7	2	4	0	2	1	0	3	5
14	1	0	2	0	3	0	2	3	2	2	3	2	2
15	2	3	5	3	9	12	7	2	8	7	4	7	6
16	5	6	7	2	6	4	2	2	11	5	6	9	8
17	11	8	6	11	13	****	****	8	4	4	4	8	8
18	14	11	9	12	16	9	8	14	12	7	2	4	10
19	4	4	3	4	4	2	5	2	3	2	3	1	3
20	3	1	3	2	4	2	2	2	2	2	2	2	2
21	4	3	1	5	2	2	1	4	1	2	2	3	3
22	2	0	2	0	1	2	2	1	3	1	2	2	2
23	2	1	1	0	4	5	4	9	8	2	2	2	2
24	6	4	3	3	12	17	11	3	5	2	2	2	6
25	7	2	6	6	9	10	5	****	4	4	4	4	6
26	4	4	7	8	8	7	8	9	4	4	4	6	6
27	3	4	3	4	9	4	4	2	2	4	4	3	1
28	6	5	6	1	4	2	3	2	3	2	0	2	4
29	2	0	2	3	5	7	4	7	3	1	2	0	3
30	4	1	1	0	7	4	4	2	3	4	7	5	4
MEAN	5	4	4	4	7	5	4	5	4	3	3	4	5

PERCENTAGE OF DATA VALID - 67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

MONTH DEC 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	5	4	4	11	4	1	4	3	1	5	3	4
2	6	15	11	14	26	6	4	2	6	4	0	0	8
3	4	1	4	7	4	4	2	3	5	4	5	3	4
4	1	3	6	7	7	2	4	2	1	2	0	0	3
5	3	3	1	0	2	3	0	1	2	2	0	0	3
6	4	7	5	2	2	0	2	3	2	6	6	6	2
7	11	10	3	6	6	1	3	2	1	0	2	12	4
8	1	1	1	2	****	3	4	3	3	3	4	6	3
9	1	6	9	7	4	7	6	9	4	5	7	6	6
10	8	4	6	6	****	7	4	6	3	4	1	4	5
11	0	2	2	1	2	3	0	4	4	1	0	1	2
12	5	7	7	20	12	9	7	4	3	5	2	2	7
13	3	0	3	1	4	4	1	2	4	2	2	4	2
14	6	6	4	9	13	11	3	9	2	2	2	3	6
15	2	1	0	1	1	****	4	6	3	2	3	3	2
16	1	2	2	2	3	5	3	5	4	4	2	3	2
17	2	2	3	7	3	5	3	3	2	4	4	4	3
18	2	2	2	0	3	3	3	4	3	4	0	2	3
19	3	4	1	2	4	3	5	3	5	4	4	2	3
20	4	2	2	7	5	4	3	3	3	5	6	8	4
21	8	7	8	6	5	5	5	****	2	3	2	5	5
22	2	2	2	4	5	0	1	0	4	7	7	4	3
23	2	0	0	6	9	14	7	5	2	6	4	4	5
24	5	6	3	3	2	4	1	3	3	2	2	2	3
25	4	8	0	2	0	0	2	2	0	1	0	9	2
26	9	3	5	4	3	3	4	4	2	5	3	2	4
27	3	0	3	3	2	4	1	2	1	2	5	2	2
28	4	4	0	3	2	1	0	5	1	4	7	0	3
29	2	3	2	3	3	****	5	1	3	2	3	2	3
30	3	2	0	1	2	1	0	0	2	2	4	0	1
31	0	1	0	8	7	4	2	2	3	2	1	2	3
MEAN	4	4	3	5	5	4	3	3	3	3	3	3	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	8	15
FEB	28	4	7	15
MAR	31	3	7	16
APR	30	4	12	60
MAY	21	4	7	14
JUN	12	3	4	11
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT		DATA MISSING		
NOV	21	5	10	29
DEC	31	4	8	26
YEAR	205	4	12	60

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	244	112	16	0	0	0	0	372
FEB	220	91	9	0	0	0	0	320
MAR	267	96	6	1	0	0	0	370
APR	275	71	5	1	2	2	1	357
MAY	175	59	9	0	0	0	0	243
JUN	108	19	1	0	0	0	0	128
JUL		DATA MISSING						
AUG		DATA MISSING						
SEP		DATA MISSING						
OCT		DATA MISSING						
NOV	158	66	16	2	1	0	0	243
DEC	267	88	10	1	1	0	0	367
YEAR	1714	602	72	5	4	2	1	2400

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82	0	0.6	1.5	2.4	3.9	6.8	8.7	11.2	13.5	60	3.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - COHS/1000FEET X 10	
STATION - 554 MAIN ST E HAMILTON NO 29057													MONTH JAN 71	
STATION - 554 MAIN ST E	HAMILTON	NO 29057	MONTH JAN	71										
2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	4	10	7	8	6	11	4	5	8	7	8	7		
2	9	17	20	16	5	6	6	2	3	2	4	2		
3	4	4	3	3	5	7	4	17	12	19	9	8		
4	16	25	25	17	15	16	20	7	12	20	0	13		
5	3	3	6	4	6	8	2	4	4	4	4	4		
6	6	5	3	5	6	4	4	4	4	3	7	5		
7	4	5	6	5	7	3	5	2	10	3	10	4		
8	6	4	5	16	13	4	5	2	8	11	15	9		
9	14	17	10	12	12	14	17	15	18	9	19	23		
10	16	25	5	4	10	10	8	6	5	3	4	5		
11	3	3	8	6	5	8	9	9	11	7	5	8		
12	4	6	3	8	7	3	17	5	3	9	11	16		
13	11	10	5	8	11	11	16	13	23	12	23	28		
14	19	16	17	19	11	5	3	5	2	5	7	3		
15	11	3	5	8	3	5	3	0	5	3	7	2		
16	9	2	2	9	9	4	5	5	11	9	11	13		
17	17	13	5	12	3	2	6	5	7	1	5	7		
18	3	3	5	9	3	7	5	3	12	9	14	7		
19	5	3	7	7	7	11	9	13	9	7	10	5		
20	17	11	13	13	7	0	5	7	5	4	3	2		
21	4	11	7	5	6	5	3	0	7	3	5	7		
22	2	7	2	4	3	3	3	2	9	15	18	21		
23	7	5	3	3	2	3	3	5	5	2	4	0		
24	2	4	2	5	6	7	5	5	5	11	8	7		
25	6	8	5	12	****	9	9	9	18	17	11	17		
26	20	20	10	5	4	3	3	3	3	6	2	2		
27	2	2	3	5	8	3	4	5	6	6	1	4		
28	4	3	3	5	8	4	8	2	6	2	3	4		
29	4	1	6	2	5	0	4	4	4	12	19	15		
30	2	7	3	7	2	4	2	2	2	5	2	1		
31	2	2	2	2	6	3	3	5	4	9	3	6		
MEAN	8	8	7	8	7	6	6	6	8	7	8	8		

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - COHS/1000FEET X 10	
STATION - 554 MAIN ST E HAMILTON NO 29057													MONTH FEB 71	
STATION - 554 MAIN ST E	HAMILTON	NO 29057	MONTH FEB	71										
2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	3	8	7	6	2	6	7	3	5	2	5		
2	2	9	4	4	4	3	4	7	5	4	9	4		
3	2	5	7	9	****	9	9	28	27	29	15	14		
4	14	16	17	23	27	27	22	21	26	23	22	25		
5	26	23	13	11	2	0	3	2	4	3	1	8		
6	3	3	3	7	3	5	3	4	6	3	4	4		
7	9	8	7	****	****	****	****	****	****	****	****	****		
8														
9														
10	****	****	****	****	****	****	0	2	5	5	9	3	****	
11	8	5	4	14	6	9	11	7	5	3	6	7		
12	2	2	7	7	5	5	9	7	9	8	8	6		
13	4	7	5	2	3	1	2	5	3	7	0	4		
14	2	2	5	4	8	6	3	1	2	0	3	3		
15	6	3	3	8	8	2	6	5	4	3	7	8		
16	5	5	5	8	9	12	3	****	2	5	0	3		
17	2	11	16	19	26	9	12	9	2	11	7	5		
18	15	7	5	7	2	9	12	9	11	13	15	11		
19	9	11	17	17	19	21	15	13	23	13	13	15		
20	19	19	11	18	15	17	21	2	0	5	3	11		
21	5	2	3	9	3	3	3	0	9	3	5	4		
22	3	5	15	19	19	26	13	11	18	21	17	15		
23	11	20	13	2	3	2	3	6	7	3	5	7		
24	5	0	4	5	8	2	3	1	7	2	5	4		
25	4	****	0	****	0	8	5	6	5	7	13	6		
26	11	7	19	27	26	27	19	15	17	17	21	19		
27	17	11	1	3	2	2	3	2	3	8	9	5		
28	3	1	2	3	2	2	2	0	5	2	2	2		
MEAN	8	8	8	10	9	9	8	6	8	8	8	8		

PERCENTAGE OF DATA VALID - 87

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 554 MAIN ST E HAMILTON

NO 29057

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	6	5	2	5	5	7	2	6	2	4	3	4
2	10	10	16	15	13	7	11	14	0	7	7	4	10
3	5	5	2	6	7	5	5	3	9	6	3	7	5
4	0	4	5	5	8	7	2	7	5	5	4	5	5
5	0	5	3	6	5	7	7	7	7	7	8	5	6
6	3	3	5	10	14	21	10	19	18	13	23	13	13
7	5	17	0	3	0	5	0	8	3	2	5	7	5
8	0	3	2	3	8	5	4	7	2	5	2	5	4
9	2	1	9	5	3	3	5	0	2	6	2	5	4
10	11	4	10	10	18	16	18	15	24	17	17	16	15
11	19	11	2	5	5	5	5	4	3	3	3	8	6
12	7	9	7	18	31	13	1	15	14	16	29	12	14
13	6	10	11	9	7	7	11	10	12	8	4	2	8
14	5	13	15	19	20	28	23	21	19	17	15	17	18
15	16	8	4	2	2	6	7	3	6	0	5	0	5
16	5	0	3	2	4	3	4	6	5	3	8	8	4
17	7	8	7	9	12	3	4	5	8	6	4	8	7
18	7	5	20	10	6	5	4	6	3	4	8	16	8
19	19	22	20	19	20	15	16	21	19	5	3	4	15
20	2	5	6	8	9	5	2	3	3	2	4	6	5
21	3	5	2	3	2	2	2	0	5	5	8	7	4
22	4	2	8	5	8	4	1	2	5	5	5	8	5
23	5	4	6	7	8	3	4	2	2	7	7	0	5
24	5	2	10	1	3	2	4	1	7	5	2	6	4
25	3	3	3	6	4	2	3	5	3	5	9	5	4
26	3	3	5	4	13	7	5	8	7	7	9	8	6
27	3	14	13	13	10	3	16	5	9	9	13	11	10
28	11	11	9	17	9	9	11	9	8	5	6	5	9
29	2	4	2	4	5	2	5	1	2	3	4	3	3
30	1	2	3	8	7	1	8	5	5	3	9	11	5
31	11	8	8	13	10	2	0	3	5	11	8	15	8
MEAN	6	7	7	8	9	7	7	7	7	6	8	7	7

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 554 MAIN ST E HAMILTON

NO 29057

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	11	7	17	17	11	20	17	23	31	13	3	4	15
2	2	3	3	2	9	****	3	2	0	1	2	0	2
3	2	0	1	2	3	2	2	3	5	2	2	3	2
4	5	3	3	1	2	4	4	3	4	5	3	8	4
5	2	7	9	3	2	3	11	2	10	1	10	9	6
6	9	13	4	5	2	3	8	9	11	8	4	11	7
7	5	7	5	1	3	****	2	4	6	5	2	3	4
8	6	5	4	9	3	2	1	2	2	0	7	4	4
9	7	11	7	2	1	2	2	3	2	2	2	0	4
10	1	0	1	0	1	2	3	4	0	3	5	3	2
11	2	4	6	6	3	2	3	4	2	2	4	5	4
12	6	13	19	23	8	4	2	2	6	3	2	2	8
13	5	11	8	7	11	8	5	****	****	****	****	****	****
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27	****	****	****	****	****	10	11	5	5	3	6	7	****
28	11	9	14	12	11	15	11	14	13	6	3	0	10
29	2	3	4	0	4	2	3	5	5	5	4	0	3
30	2	4	3	8	8	2	5	2	2	7	5	11	5
MEAN	5	6	7	6	5	6	5	5	7	4	4	4	5

PERCENTAGE OF DATA VALID - 53

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX													
UNITS - COHS/1000FEET X 10													
STATION - 554 MAIN ST E HAMILTON NO 29057 MONTH MAY 71													
2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	6	6	6	9	2	10	3	0	5	3	4	11	5
2	10	4	3	2	0	3	3	4	2	5	2	2	3
3	2	1	2	15	5	6	2	7	2	2	0	5	4
4	3	2	3	7	2	3	0	4	2	3	3	5	3
5	8	0	7	5	3	9	9	****	5	18	16	14	9
6							DATA MISSING	-					
7							DATA MISSING	-					
8							DATA MISSING	-					
9							DATA MISSING	-					
10	****	****	****	****	****	****	****	7	2	1	4	2	****
11	7	6	7	9	1	2	10	15	4	12	10	9	8
12	12	12	12	13	2	2	1	0	4	1	4	0	5
13	2	0	3	4	3	2	3	2	1	1	2	3	2
14	0	4	8	4	1	2	0	1	2	0	5	6	3
15	1	1	4	1	4	3	3	3	3	2	2	2	2
16	3	5	3	3	5	4	0	4	0	0	0	2	2
17	2	1	0	2	2	2	2	2	2	7	1	2	2
18	2	3	2	3	1	2	0	3	0	2	0	2	2
19	1	4	2	4	1	2	0	2	1	3	0	2	2
20	1	2	2	2	0	2	0	0	2	0	2	2	1
21	2	3	2	5	0	2	2	0	2	3	2	1	2
22	0	0	2	2	2	2	1	0	2	2	2	1	1
23	4	1	2	4	2	2	4	0	1	2	7	9	3
24	1	3	4	2	6	3	6	3	5	5	4	2	4
25	7	9	9	0	2	1	2	1	0	1	1	0	3
26	1	2	0	2	2	3	1	2	2	3	2	1	2
27	0	2	0	5	0	4	4	2	3	2	6	6	3
28	5	0	3	2	8	1	0	0	1	2	2	2	2
29	5	4	11	8	4	5	3	5	1	1	3	5	5
30	6	4	5	6	6	5	1	2	5	3	3	5	4
31	1	0	0	2	3	2	3	4	2	3	3	1	2
MEAN	4	3	4	5	3	3	2	3	2	3	3	4	3
PERCENTAGE OF DATA VALID - 84													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX													
UNITS - COHS/1000FEET X 10													
STATION - 554 MAIN ST E HAMILTON NO 29057 MONTH JUN 71													
2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	4	2	8	5	7	7	6	3	5	4	0	4
2	7	2	3	5	5	3	8	10	9	6	3	7	6
3	5	3	1	2	2	1	2	0	3	0	1	1	2
4	3	3	3	3	4	4	0	2	2	0	7	3	3
5	2	4	2	2	8	1	3	6	3	7	2	3	4
6	1	9	0	5	6	5	9	7	0	0	0	4	4
7	0	1	1	0	4	2	2	1	3	2	4	2	2
8	1	1	1	1	1	2	2	1	1	2	1	0	1
9	0	2	3	2	2	0	2	3	3	4	3	4	2
10	2	1	2	****	****	3	8	9	4	1	3	0	3
11	3	2	5	6	7	4	8	7	3	2	7	7	5
12	6	4	6	8	12	10	9	2	2	0	3	5	5
13	4	1	3	2	2	6	5	3	9	3	2	3	4
14	4	5	8	9	9	4	6	5	5	5	10	5	6
15	3	4	7	7	5	7	2	6	3	4	3	3	5
16	2	3	4	8	9	4	4	6	4	3	1	9	5
17	5	6	6	4	0	4	0	1	2	1	0	4	3
18	2	3	5	****	15	5	3	9	0	3	3	12	5
19	9	9	5	11	14	13	12	9	13	8	****	****	10
20							DATA MISSING	-					
21							DATA MISSING	-					
22							DATA MISSING	-					
23							DATA MISSING	-					
24							DATA MISSING	-					
25	****	****	****	****	3	5	6	9	9	13	5	3	7
26	2	2	4	3	3	2	5	3	7	3	2	3	3
27	2	3	1	3	3	0	1	3	2	1	3	7	2
28	5	11	3	7	15	11	11	9	13	3	3	2	8
29	5	3	2	3	0	3	0	0	3	0	3	1	2
30	2	0	3	5	9	2	0	3	0	3	2	0	2
MEAN	3	4	3	5	6	4	5	5	4	3	3	3	4
PERCENTAGE OF DATA VALID - 80													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - COHS/1000FEET X 10	
STATION - 554 MAIN ST E HAMILTON													NO 29057	
													MONTH JUL 71	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	3	0	3	2	0	2	0	2	0	2	1	
2	0	2	0	2	1	2	0	5	2	2	2	2	2	
3	5	3	0	3	7	2	10	2	2	0	1	2	3	
4	1	3	4	3	7	2	2	0	4	0	3	2	3	
5	0	4	0	3	***	2	2	2	2	4	7	0	2	
6	2	2	2	3	3	1	2	0	0	0	2	2	2	
7	2	3	3	4	2	2	3	0	5	0	2	2	2	
8	3	2	3	3	1	3	1	3	2	3	2	2	2	
9	3	2	3	3	2	0	0	0	2	2	0	2	2	
10	2	5	1	0	2	2	0	1	3	9	2	0	2	
11	3	2	0	2	0	0	4	0	0	0	2	2	1	
12	2	3	7	5	5	0	2	2	0	2	0	2	3	
13	0	3	2	2	0	5	2	5	2	0	3	0	2	
14	0	0	0	***	2	0	2	0	3	2	0	3	1	
15	1	0	3	3	2	2	0	2	0	2	1	2	2	
16	0	2	2	2	2	2	4	2	1	0	2	1	2	
17	2	2	2	2	0	0	2	0	3	0	2	0	1	
18	0	2	0	0	0	0	2	0	3	0	2	0	1	
19	0	2	5	5	9	3	7	4	6	0	2	2	4	
20	3	2	2	3	3	0	0	5	0	3	1	2	2	
21	0	2	3	3	2	0	1	2	0	0	3	0	1	
22	3	3	0	5	2	0	2	3	0	3	0	0	2	
23	1	0	5	0	2	2	1	0	3	4	2	2	2	
24	0	3	2	4	0	1	3	0	0	3	0	3	2	
25	0	3	2	2	3	0	2	0	0	0	0	0	1	
26	2	3	3	2	4	0	2	5	0	3	1	0	2	
27	2	1	0	2	3	2	2	1	0	2	0	1	1	
28	2	0	2	0	2	0	4	3	2	3	3	3	2	
29	3	3	2	5	2	2	1	3	3	3	2	3	3	
30	3	5	5	7	2	5	9	5	3	7	3	5	5	
31	2	2	2	2	3	2	2	2	2	0	3	2	2	
MEAN	2	2	2	3	3	2	2	2	2	2	2	2	2	
PERCENTAGE OF DATA VALID -													99	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX						UNITS - COHS/1000FEET X 10							
STATION - 554 MAIN ST E HAMILTON						NO 29057							
						MONTH AUG 71							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	0	3	0	0	0	3	3	2	2	1
2	0	2	4	0	2	0	3	2	1	3	2	2	2
3	0	2	1	0	3	0	0	2	2	0	2	0	1
4	***	***	***	***	***	2	2	3	2	3	3	0	***
5	2	2	3	3	3	2	2	0	3	0	5	1	2
6	2	2	0	3	2	2	0	0	0	3	0	2	1
7	0	0	0	0	2	2	0	2	3	0	2	0	1
8	1	0	0	2	0	2	3	1	1	4	2	2	2
9	3	2	2	0	4	2	2	0	2	***	***	***	2
10	- DATA MISSING -												
11	- DATA MISSING -												
12	- DATA MISSING -												
13	- DATA MISSING -												
14	- DATA MISSING -												
15	- DATA MISSING -												
16	- DATA MISSING -												
17	- DATA MISSING -												
18	- DATA MISSING -												
19	- DATA MISSING -												
20	- DATA MISSING -												
21	- DATA MISSING -												
22	- DATA MISSING -												
23	***	***	***	***	***	4	0	2	2	0	0	0	***
24	3	0	2	3	1	0	2	1	1	1	2	0	1
25	0	2	0	7	2	2	4	0	1	0	3	3	2
26	2	0	4	3	3	7	3	4	5	3	5	7	4
27	2	2	3	7	6	9	7	5	7	4	3	3	5
28	0	5	1	2	0	5	0	1	2	2	3	2	2
29	3	0	0	2	0	0	3	0	2	0	2	3	1
30	1	0	2	1	3	0	2	1	4	0	2	3	2
31	1	9	2	2	2	2	3	0	1	0	7	0	2
MEAN	1	2	2	2	2	2	2	1	2	2	3	2	2
PERCENTAGE OF DATA VALID - 54													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 554 MAIN ST E HAMILTON

NO 29057

MONTH SEP 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	3	7	2	2	0	****	****	2	7	2	5	4
2	0	3	5	10	3	22	2	28	2	11	1	7	8
3	0	9	2	5	3	3	0	5	0	5	0	2	3
4	2	2	2	2	0	3	0	3	1	2	1	0	2
5	0	0	0	2	0	1	1	2	1	1	0	2	1
6	0	3	0	4	2	3	2	1	2	2	0	1	2
7	1	0	1	2	0	0	0	2	0	1	1	1	1
8	1	1	0	2	2	1	2	****	2	0	2	0	1
9	2	0	0	2	3	2	4	0	2	1	5	1	2
10	6	0	1	2	2	0	3	0	2	1	2	0	2
11	2	0	2	0	1	0	1	0	2	1	0	2	1
12	0	0	0	0	2	1	2	1	2	0	0	1	1
13	0	1	0	****	****	****	****	****	****	****	****	****	****
14							- DATA MISSING -	-					
15							- DATA MISSING -	-					
16							- DATA MISSING -	-					
17							- DATA MISSING -	-					
18							- DATA MISSING -	-					
19							- DATA MISSING -	-					
20							- DATA MISSING -	-					
21							- DATA MISSING -	-					
22							- DATA MISSING -	-					
23							- DATA MISSING -	-					
24							- DATA MISSING -	-					
25							- DATA MISSING -	-					
26							- DATA MISSING -	-					
27							- DATA MISSING -	-					
28							- DATA MISSING -	-					
29							- DATA MISSING -	-					
30							- DATA MISSING -	-					
MEAN	2	2	2	3	2	3	2	4	2	3	1	2	2

PERCENTAGE OF DATA VALID - 40

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 554 MAIN ST E HAMILTON

NO 29057

MONTH OCT 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -	-					
2							- DATA MISSING -	-					
3							- DATA MISSING -	-					
4							- DATA MISSING -	-					
5							- DATA MISSING -	-					
6							- DATA MISSING -	-					
7							- DATA MISSING -	-					
8							- DATA MISSING -	-					
9							- DATA MISSING -	-					
10							- DATA MISSING -	-					
11							- DATA MISSING -	-					
12							- DATA MISSING -	-					
13	****	****	****	****	****	****	14	7	13	8	10	10	****
14	7	15	6	8	4	4	6	3	7	3	3	8	6
15	2	3	12	11	4	6	3	4	4	8	9	6	
16	5	11	10	13	6	8	7	5	10	8	10	4	8
17	2	2	3	2	3	2	5	2	4	13	4	4	4
18	4	5	6	13	13	****	****	****	****	****	****	****	****
19	****	****	****	****	****	****	12	9	10	10	8	9	****
20	16	14	11	9	2	5	9	8	6	10	9	12	9
21	14	10	18	24	23	23	11	8	8	10	12	6	14
22	8	3	5	12	12	10	10	13	12	9	10	3	9
23	6	3	3	3	6	4	4	2	2	2	2	3	3
24	4	5	2	5	3	5	8	4	3	3	3	1	4
25	0	3	5	12	11	5	3	2	6	2	3	2	5
26	2	3	1	1	1	****	****	****	****	****	****	****	****
27							- DATA MISSING -	-					
28							- DATA MISSING -	-					
29							- DATA MISSING -	-					
30							- DATA MISSING -	-					
31							- DATA MISSING -	-					
MEAN	6	6	7	9	7	7	8	6	7	7	7	6	7

PERCENTAGE OF DATA VALID - 38

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 554 MAIN ST E HAMILTON

NO 29057

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25	****	****	****	****	****	****	10	4	6	5	7	8	****
26	9	9	4	6	6	11	3	8	9	5	8	2	7
27	9	11	6	14	13	1	7	5	11	10	4	5	8
28	4	4	4	8	5	1	2	7	8	5	3	9	5
29	2	0	2	4	8	4	9	8	9	8	5	1	5
30	3	9	2	10	5	5	6	7	10	8	6	5	6
MEAN	5	7	4	8	7	4	6	7	9	7	6	5	6

PERCENTAGE OF DATA VALID - 18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 554 MAIN ST E HAMILTON

NO 29057

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	6	0	9	8	9	1	9	5	15	6	6	7
2	8	4	14	18	15	3	2	3	7	7	4	0	7
3	3	3	3	4	4	3	4	3	4	7	5	5	4
4	6	8	4	10	9	9	8	5	6	2	4	1	6
5	4	3	0	7	3	4	4	6	3	9	4	17	5
6	17	6	5	6	7	4	6	5	16	13	7	12	9
7	10	7	9	12	9	10	3	11	16	8	7	7	9
8	7	9	4	7	8	10	10	7	5	0	6	5	7
9	4	0	5	4	15	6	3	5	13	4	13	21	8
10	7	7	15	13	15	17	15	19	16	9	0	4	11
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16	****	****	****	****	****	****	****	****	0	7	3	2	****
17	3	3	2	5	5	3	3	2	3	5	2	7	4
18	7	3	3	2	2	2	2	5	5	6	4	9	4
19	7	3	0	9	7	5	5	5	11	2	3	5	5
20	2	2	5	0	6	0	3	0	4	6	3	6	3
21	3	5	7	0	13	****	9	4	0	5	2	5	5
22	7	0	6	3	9	2	1	2	5	9	4	3	4
23	8	9	13	15	19	28	5	5	3	7	3	8	10
24	7	3	0	3	5	0	3	2	2	0	2	2	2
25	5	2	5	2	10	5	0	7	2	10	7	16	6
26	21	19	15	9	3	2	5	5	3	7	6	3	8
27	3	0	4	11	9	0	6	3	15	5	3	2	6
28	3	0	0	3	2	0	0	1	3	2	0	2	2
29	6	3	4	6	3	5	2	7	3	2	7	5	4
30	2	2	6	6	5	4	2	11	11	9	8	6	6
31	6	5	3	9	6	3	2	11	3	4	7	16	6
MEAN	6	5	5	7	8	6	4	6	6	6	5	7	6

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - 554 MAIN ST E HAMILTON

NO 29057

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	7	15	28
FEB	26	8	22	29
MAR	31	7	18	31
APR	17	5	15	31
MAY	27	3	9	18
JUN	25	4	10	15
JUL	31	2	5	10
AUG	18	2	5	9
SEP	13	2	8	28
OCT	14	7	14	24
NOV	6	6	8	14
DEC	26	6	11	28
YEAR	265	5	22	31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 554 MAIN ST E HAMILTON

NO 29057

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	141	149	41	32	8	0	0	371
FEB	115	100	32	21	25	0	0	293
MAR	130	167	36	29	9	1	0	372
APR	108	55	21	5	2	1	0	192
MAY	243	61	10	2	0	0	0	316
JUN	192	85	14	0	0	0	0	291
JUL	338	32	0	0	0	0	0	370
AUG	187	16	0	0	0	0	0	203
SEP	128	13	1	0	2	0	0	144
OCT	57	57	23	2	3	0	0	142
NOV	20	41	5	0	0	0	0	66
DEC	135	129	24	12	3	0	0	303
YEAR	1794	905	207	103	52	2	0	3063

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
69	0	0.6	1.7	2.9	5.3	10.8	15.2	19.3	22.6	31	5.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	0	2	0	2	2	8	1	9	11	4	4
2	2	9	2	4	9	4	8	5	8	7	8	4	6
3	2	2	3	3	9	9	5	5	8	9	2	3	5
4	7	3	2	2	8	19	17	9	9	11	18	5	9
5	10	11	13	9	13	9	3	8	8	12	7	5	9
6	13	7	10	7	10	13	5	6	5	7	8	11	9
7	15	7	10	11	6	7	6	9	9	6	11	9	9
8	9	5	3	7	16	12	6	6	6	9	6	3	7
9	7	11	3	4	6	10	15	13	8	6	5	10	8
10	8	9	8	12	12	12	7	7	13	13	5	3	9
11	6	5	7	12	12	6	4	3	5	4	2	5	6
12	3	1	0	5	11	3	8	13	6	5	5	9	6
13	7	6	6	9	8	6	11	7	7	9	5	7	7
14	8	3	1	13	11	5	11	7	4	7	11	2	7
15	1	2	2	2	9	7	2	0	2	3	0	2	3
16	2	2	5	10	7	10	5	6	7	3	4	3	5
17	9	14	3	7	9	3	3	3	5	8	9	7	7
18	0	0	3	5	12	7	- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21	****	****	****	****	****	****	****	2	0	0	3	0	****
22	0	7	13	11	8	7	11	11	7	9	13	7	9
23	5	3	4	5	13	11	9	11	11	11	7	11	8
24	3	5	12	4	11	11	9	6	9	11	5	3	7
25	5	5	3	5	9	11	15	11	20	16	12	5	10
26	15	5	13	17	10	13	11	13	3	11	7	5	10
27	21	9	5	2	2	0	2	0	2	0	2	1	4
28	0	3	7	10	7	7	8	26	9	5	3	7	8
29	6	11	17	11	6	21	25	12	5	5	4	7	10
30	6	11	9	6	7	9	5	5	8	3	7	5	7
31	9	3	7	7	11	3	7	8	7	9	8	8	7
MEAN	6	6	6	7	9	8	8	8	7	7	7	6	7

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	3	9	15	12	5	11	5	5	11	13	9	9
2	5	9	9	3	7	7	5	3	2	10	19	10	7
3	14	5	7	9	11	4	11	16	15	13	11	5	10
4	11	11	9	13	15	15	13	15	9	9	9	5	11
5	5	8	7	8	4	3	8	6	10	7	11	7	7
6	13	5	7	5	9	7	9	5	5	11	12	13	8
7	13	7	2	2	4	7	8	5	3	5	6	9	6
8	5	5	5	8	6	5	7	6	5	3	5	2	5
9	2	3	2	0	3	0	3	7	7	19	11	13	6
10	7	13	13	****	13	15	7	5	9	9	3	6	9
11	3	5	8	7	4	5	5	9	3	6	6	3	5
12	5	7	15	17	7	36	36	7	12	2	2	3	12
13	2	1	1	2	3	2	2	2	2	2	2	1	2
14	0	1	3	2	1	2	5	5	3	5	7	9	4
15	11	7	7	11	7	5	6	3	3	12	7	3	7
16	3	7	7	9	13	13	15	3	3	2	3	4	7
17	6	11	13	17	13	11	5	7	11	12	13	9	11
18	9	11	2	2	9	7	5	2	2	3	5	5	5
19	5	3	11	23	12	15	15	13	9	9	4	9	11
20	3	5	5	4	4	6	11	9	9	7	3	2	6
21	2	1	1	2	2	0	0	0	2	5	3	2	2
22	3	7	9	9	0	****	17	11	17	5	2	7	8
23	8	5	11	22	11	9	10	8	8	6	11	10	7
24	0	7	5	5	11	3	5	7	10	8	6	13	7
25	12	11	18	9	13	5	7	5	9	6	12	11	10
26	20	11	13	13	17	16	16	15	17	11	11	15	15
27	7	5	7	5	2	6	5	5	8	6	8	8	6
28	10	5	9	6	7	7	6	4	4	3	7	7	6
MEAN	7	6	8	8	8	8	9	7	7	7	7	7	8

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	3	5	12	3	0	3	0	2	0	3	3	3
2	5	9	16	16	9	11	13	13	8	0	4	3	9
3	2	0	3	3	5	9	4	5	9	4	2	3	4
4	3	2	3	0	2	0	3	0	2	0	9	5	2
5	13	9	5	11	12	5	5	6	8	1	11	11	8
6	11	9	4	9	10	12	12	9	7	2	4	2	8
7	3	5	3	0	2	5	3	3	5	8	2	5	4
8	5	3	3	6	5	5	3	5	5	7	0	2	4
9	2	1	0	0	1	0	0	4	1	3	2	1	1
10	2	5	2	4	24	16	18	19	8	10	4	5	10
11	2	7	6	2	4	4	0	4	2	5	9	8	4
12	10	9	8	12	11	17	19	54	71	14	13	7	20
13	6	3	5	6	7	11	15	9	15	11	6	3	8
14	8	9	9	3	0	7	13	6	13	8	9	12	8
15	12	5	3	3	2	9	5	11	7	9	8	2	6
16	5	3	14	7	3	5	7	0	0	1	5	0	4
17	0	1	0	0	2	1	4	2	2	2	0	0	1
18	6	2	8	5	2	28	23	7	3	2	8	8	9
19	11	5	7	16	14	16	12	12	20	3	2	6	10
20	3	2	4	11	6	3	3	0	0	1	0	0	3
21	0	3	0	2	4	2	0	5	1	3	2	11	3
22	2	0	0	0	1	1	3	1	2	0	2	2	1
23	0	2	6	6	4	0	0	0	0	0	2	3	2
24	3	2	0	****	****	****	****	****	****	****	****	****	****
25													
26													
27													
28													
29													
30													
31													
MEAN	5	4	5	6	6	7	7	8	8	4	5	4	6

PERCENTAGE OF DATA VALID - 75

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2	****	****	****	****	7	4	- DATA MISSING -	9	5	5	4	2	5
3	3	2	0	2	4	2	0	0	2	1	3	3	2
4	5	5	9	5	3	2	5	3	0	3	3	2	4
5	3	3	0	10	5	13	0	17	11	11	3	5	7
6	0	9	6	7	14	9	9	14	5	7	3	9	8
7	6	3	3	0	4	5	2	4	2	5	1	1	3
8	4	2	1	7	16	18	15	1	1	2	6	9	7
9	6	17	6	7	2	4	5	8	2	1	0	1	5
10	0	1	2	0	1	1	0	1	0	1	2	4	1
11	3	7	7	7	3	1	2	6	1	1	2	8	4
12	9	4	9	17	21	23	22	13	5	12	13	10	13
13	12	13	15	20	16	11	11	5	8	6	1	0	10
14	0	1	3	3	1	1	0	1	0	1	2	1	1
15	0	11	14	14	2	1	0	0	2	4	7	4	5
16	5	1	6	0	0	1	2	0	3	11	6	0	3
17	2	5	5	3	5	5	7	3	5	5	9	3	5
18	3	1	5	5	3	9	6	6	3	8	3	7	5
19	7	15	19	18	36	16	16	17	19	17	10	8	17
20	9	11	12	16	26	30	15	16	19	13	11	13	16
21	22	1	1	3	1	0	2	0	0	1	0	0	3
22	0	0	2	1	3	1	2	2	2	1	2	2	2
23	11	2	13	6	0	0	1	0	5	4	3	4	4
24	2	0	5	1	2	4	0	2	0	3	2	0	1
25	2	2	3	0	2	0	2	0	0	2	3	0	1
26	3	3	3	2	0	8	5	2	1	1	2	2	3
27	1	5	5	2	23	16	23	20	11	11	8	8	11
28	7	7	4	13	17	13	12	23	13	14	13	7	12
29	7	5	3	2	3	1	5	3	2	1	3	2	3
30	3	2	1	5	2	3	13	23	3	11	4	3	6
MEAN	5	5	6	6	8	7	6	7	4	6	4	4	6

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	9	8	10	6	5	2	2	0	7	7	5	5
2	4	7	2	5	1	2	1	4	2	6	0	5	3
3	2	1	3	7	5	11	8	5	2	2	1	0	4
4	2	2	1	2	0	0	2	1	2	2	12	9	3
5	12	16	17	20	25	17	18	23	18	9	16	5	16
6	13	8	15	12	12	28	22	17	13	11	13	10	15
7	4	15	11	16	26	19	21	14	17	20	13	7	15
8	11	5	7	7	8	5	3	7	6	9	6	11	7
9	9	5	8	7	4	9	7	5	9	5	7	10	7
10	13	7	10	5	5	19	14	17	11	3	11	5	10
11	17	15	17	8	33	36	41	17	13	8	9	14	19
12	11	7	17	23	13	5	5	2	0	0	3	5	8
13	5	11	8	3	2	4	0	2	3	10	15	7	6
14	2	4	0	5	12	17	3	2	0	3	7	4	5
15	13	15	11	3	4	13	5	5	2	3	4	7	7
16	0	4	2	6	3	3	3	3	1	0	0	6	3
17	8	3	12	10	1	4	23	13	17	3	11	10	10
18	5	3	0	5	5	9	3	2	8	7	6	3	5
19	13	5	17	15	4	6	6	3	4	7	4	9	8
20	1	2	2	4	2	2	2	3	2	4	4	4	3
21	0	2	2	9	22	22	25	27	8	8	8	0	11
22	0	2	0	4	3	2	4	4	2	4	0	1	2
23	3	5	2	2	5	7	7	3	7	3	2	3	4
24	3	1	2	1	4	6	4	3	3	2	1	3	3
25	5	4	18	17	2	10	6	6	9	7	10	7	8
26	8	7	8	9	8	4	5	8	5	5	1	4	6
27	3	3	5	4	2	16	13	18	11	13	7	2	8
28	4	4	4	3	15	15	14	14	12	16	5	6	9
29	11	8	9	9	14	11	10	7	6	4	2	6	8
30	1	3	8	5	7	6	6	4	3	5	7	2	5
31	2	2	5	7	14	16	20	19	13	7	5	6	10
MEAN	6	6	7	8	9	11	10	8	7	6	6	6	7

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	5	4	12	24	17	23	15	6	9	5	6	11
2	2	3	9	16	14	15	20	18	17	11	7	9	12
3	13	5	8	7	3	5	4	2	5	6	8	13	7
4	18	14	13	13	7	5	5	2	2	5	9	9	9
5	5	1	2	4	6	6	6	5	4	2	3	3	4
6	4	1	4	2	7	3	6	9	7	7	3	6	5
7	11	3	11	10	***	6	5	4	2	2	9	9	7
8	4	6	11	10	3	3	2	11	3	2	3	3	5
9	2	3	5	5	16	8	14	18	9	11	7	4	9
10	5	3	5	7	7	9	10	12	11	5	4	4	7
11	5	2	5	9	10	7	9	7	9	8	7	5	7
12	5	3	2	9	8	7	7	3	2	7	5	7	5
13	3	3	3	5	6	6	4	4	5	3	2	5	4
14	2	5	9	11	***	6	8	6	5	9	3	2	6
15	3	3	8	9	10	12	9	7	7	3	7	7	7
16	3	4	7	10	9	18	12	15	13	12	6	5	10
17	5	12	13	5	10	13	14	15	12	5	7	5	10
18	4	10	6	6	14	12	12	14	11	8	11	5	9
19	8	6	5	8	10	5	8	6	5	5	3	3	6
20	8	4	2	2	2	0	2	4	2	4	2	0	3
21	3	2	2	2	2	0	3	7	2	3	2	5	3
22	2	5	2	5	***	8	8	8	8	7	3	5	6
23	5	4	12	13	17	11	13	11	7	0	2	2	8
24	3	4	9	0	2	2	2	2	5	2	2	0	3
25	2	2	2	6	7	6	9	12	8	6	6	2	6
26	2	1	2	2	4	4	3	4	2	3	4	3	3
27	2	2	2	0	5	1	2	3	0	0	2	2	2
28	1	2	3	3	5	8	7	3	2	2	3	4	4
29	1	1	3	2	1	***	0	2	0	0	0	3	1
30	1	2	2	2	2	2	2	0	3	0	3	4	2
MEAN	5	4	6	7	8	7	8	8	6	5	4	5	6

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX						UNITS - COHS/1000FEET X 10							
STATION - SKYWAY TOLL BOOTH HAMILTON						NO 29058							
						MONTH JUL 71							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	3	0	3	2	2	0	3	0	0	0	1
2	2	0	2	2	5	3	9	2	0	0	0	2	2
3	2	0	0	2	2	3	3	0	0	1	0	2	1
4	1	0	3	0	3	3	2	2	0	0	1	2	1
5	1	2	0	0	3	0	2	2	0	3	7	5	2
6	1	2	3	3	****	4	2	1	2	2	2	2	2
7	2	2	1	9	1	1	2	1	0	1	2	3	2
8	5	3	2	3	7	8	2	0	3	1	2	2	3
9	0	2	2	4	2	0	2	0	0	0	2	3	1
10	2	0	0	0	3	2	2	2	2	2	2	2	2
11	2	2	0	1	2	4	2	1	2	2	2	0	2
12	0	0	1	2	6	3	7	4	4	2	2	2	3
13	2	3	0	0	****	****	****	****	****	****	****	****	****
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20	****	****	****	****	****	0	7	4	3	1	2	1	****
21	3	2	2	1	4	6	2	4	0	0	2	0	2
22	0	0	1	0	1	2	2	2	1	2	1	0	1
23	2	3	2	2	3	0	3	0	0	1	0	1	1
24	0	0	1	2	1	7	2	1	2	2	0	4	2
25	0	2	0	1	2	2	2	2	0	0	2	2	1
26	0	1	0	1	0	0	1	2	2	0	1	0	1
27	0	1	2	2	0	2	0	2	1	2	0	0	1
28	3	2	2	4	1	0	****	2	1	3	2	3	2
29	2	0	2	1	2	6	4	6	1	0	2	2	2
30	3	2	6	5	2	7	2	6	2	0	4	0	3
31	2	2	0	2	2	1	0	0	2	1	0	3	1
MEAN	2	1	1	2	2	3	3	2	1	1	2	2	2
PERCENTAGE OF DATA VALID - 76													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX						UNITS - COHS/1000FEET X 10							
STATION - SKYWAY TOLL BOOTH HAMILTON						NO 29058							
MONTH AUG 71													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	0	0	2	2	0	0	2	2	2	2	1
2	0	1	3	1	1	0	0	0	2	0	0	2	1
3	2	0	2	0	1	2	0	0	2	2	0	2	1
4	1	2	2	3	3	2	3	0	2	0	2	1	1
5	0	0	3	5	5	3	4	2	2	2	0	2	2
6	1	2	1	0	2	2	1	0	0	0	3	1	3
7	1	1	1	4	0	2	1	1	0	0	2	2	1
8	2	2	2	2	2	1	2	0	0	1	1	1	1
9	1	2	2	0	2	2	0	1	1	1	1	0	1
10	1	2	2	0	0	0	6	2	1	2	0	3	2
11	4	2	2	2	1	0	1	0	1	0	0	3	1
12	1	2	4	2	3	0	2	1	2	1	0	2	2
13	0	1	2	4	3	0	1	3	0	0	1	1	1
14	0	1	4	2	2	0	2	0	3	1	2	2	2
15	1	1	1	0	0	1	0	1	0	1	2	2	1
16	2	2	2	2	4	5	8	5	6	3	4	4	1
17	0	4	3	2	4	9	6	4	2	2	2	4	4
18	2	2	0	2	9	****	6	5	2	2	2	3	3
19	2	4	3	2	1	5	0	1	2	2	2	3	3
20	2	3	2	0	4	2	2	2	1	0	1	4	2
21	3	6	2	2	2	0	0	0	2	0	2	0	2
22	1	0	3	4	2	4	0	2	1	1	0	2	2
23	0	2	0	0	1	1	0	0	3	3	1	3	1
24	0	1	1	2	1	2	0	2	0	2	2	2	1
25	2	2	0	4	4	2	1	0	0	2	2	2	2
26	3	2	2	3	3	****	3	2	5	2	1	2	2
27	4	2	5	4	5	2	3	5	3	2	2	4	3
28	2	0	2	2	2	0	2	2	1	0	3	0	3
29	3	2	2	3	3	0	0	2	1	0	2	2	2
30	3	1	5	0	3	0	2	0	2	2	4	2	2
31	1	2	3	0	2	****	****	****	****	****	****	****	****
MEAN	2	2	2	2	2	2	2	2	2	1	2	2	2
PERCENTAGE OF DATA VALID - 97													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9	****	****	****	****	****	5	8	2	7	3	5	2	****
10	2	0	3	5	3	2	0	3	2	2	0	2	2
11	0	3	0	0	0	0	0	2	2	1	0	3	1
12	0	0	0	0	2	0	2	2	2	4	2	0	1
13	3	0	0	0	2	2	4	0	1	0	0	2	1
14	0	0	3	3	2	0	1	2	2	3	0	2	2
15	1	0	2	4	0	0	0	0	0	2	0	0	1
16	0	0	3	0	2	3	0	3	2	0	3	1	1
17	3	0	0	1	2	2	4	0	3	0	1	0	1
18	2	2	0	2	0	2	0	0	0	3	1	0	1
19	2	2	0	0	2	3	0	2	0	3	2	0	1
20	3	2	4	3	3	0	2	2	0	0	2	1	2
21	3	0	0	2	2	2	4	6	2	2	0	3	2
22	0	2	1	4	7	7	5	1	3	2	2	2	2
23	1	2	5	3	3	2	2	2	1	3	0	0	1
24	4	0	0	0	0	1	0	0	0	2	1	2	1
25	0	1	0	3	0	0	0	2	0	0	1	3	1
26	3	0	2	2	0	2	0	5	0	2	0	2	2
27	3	0	3	3	3	3	2	2	3	3	2	0	2
28	2	2	3	6	3	2	8	2	6	2	0	2	3
29	2	0	2	2	3	1	0	2	0	0	0	2	1
30	0	0	2	6	0	2	3	3	2	2	3	2	2
MEAN	2	1	2	2	2	2	2	2	2	2	1	1	2

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	4	2	5	5	5	0	2	0	2	2	3
2	2	0	2	2	0	2	0	2	2	0	2	2	1
3	4	2	0	1	0	0	2	2	2	0	2	0	1
4	3	2	0	2	3	0	2	2	0	0	2	1	1
5	0	1	2	1	1	3	0	1	2	0	0	1	1
6	0	1	3	2	3	1	2	2	0	0	0	2	1
7	0	0	2	2	2	2	0	1	0	1	0	2	1
8	2	6	13	9	5	4	1	4	2	2	0	8	5
9	4	2	2	3	2	1	2	0	2	0	0	4	2
10	0	3	1	3	1	3	2	0	2	2	3	2	2
11	3	2	2	3	2	1	0	2	0	2	3	1	2
12	3	2	2	2	4	4	1	0	1	2	4	4	3
13	1	2	8	8	7	3	4	7	1	5	3	6	4
14	3	6	3	4	6	4	4	2	2	3	1	6	4
15	2	4	9	8	5	1	2	4	2	5	5	5	4
16	6	4	5	5	3	6	6	4	2	2	2	2	4
17	0	0	3	1	1	0	1	0	0	3	0	3	1
18	1	4	0	8	8	8	12	10	8	2	4	2	6
19	4	2	3	3	2	4	8	5	3	3	2	6	4
20	3	6	9	4	11	11	9	7	7	4	6	4	7
21	6	4	6	11	7	10	10	5	2	2	2	4	6
22	3	3	2	6	8	7	5	5	2	3	3	3	4
23	3	1	6	0	3	3	3	3	0	0	0	0	2
24	1	0	0	1	2	1	0	0	2	2	0	0	1
25	2	2	3	2	3	0	2	10	7	6	4	4	4
26	0	1	0	2	4	1	0	2	0	2	2	1	1
27	2	0	2	2	****	3	4	3	6	4	6	0	3
28	2	1	4	2	2	1	7	7	4	1	3	3	3
29	1	0	1	5	7	6	5	11	4	3	3	3	4
30	1	4	5	6	3	3	4	4	4	6	2	0	4
31	1	1	2	2	2	0	1	2	2	2	4	1	2
MEAN	2	2	3	4	4	3	3	3	2	2	2	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH NOV 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	0	4	2	1	4	8	6	9	6	2	4
2	4	3	5	5	1	2	2	2	2	1	0	4	3
3	6	4	2	0	4	0	2	***	3	3	2	2	3
4	4	0	3	3	3	5	0	0	1	0	0	0	2
5	2	2	2	5	3	3	2	5	0	5	2	0	3
6	1	2	2	0	0	0	3	0	2	3	3	2	2
7	0	2	0	2	0	4	2	2	0	5	1	3	2
8	0	1	0	3	2	3	5	6	5	4	2	2	3
9	3	3	3	2	7	***	3	2	3	2	3	3	3
10	3	2	2	3	2	5	1	2	2	0	2	2	2
11	3	1	5	5	2	5	3	4	2	2	2	3	3
12	1	6	2	7	3	2	0	3	2	3	0	3	3
13	7	2	4	6	0	2	0	1	3	2	2	2	3
14	2	0	3	0	2	0	3	1	3	3	0	3	3
15	3	0	3	2	8	12	0	9	11	4	0	2	2
16	2	0	2	2	8	7	7	7	15	5	0	2	5
17	7	5	2	9	9	***	11	5	2	2	5	3	5
18	3	5	2	6	17	11	5	3	3	2	2	0	6
19	3	2	0	0	2	5	1	3	2	2	2	2	5
20	0	2	2	2	0	2	2	0	2	0	3	3	2
21	3	0	1	0	0	0	0	2	0	2	0	0	1
22	1	0	2	0	3	2	0	0	1	0	3	0	1
23	3	1	3	3	2	2	0	3	2	2	6	3	3
24	2	0	0	7	5	9	5	7	5	3	3	3	4
25	2	3	2	2	2	3	***	1	2	2	2	3	2
26	2	0	1	0	2	3	3	2	3	0	1	2	1
27	1	2	5	4	2	3	1	2	3	3	1	2	2
28	1	0	0	1	2	0	0	2	3	1	1	2	2
29	1	2	2	7	3	2	2	6	3	2	2	2	3
30	0	0	2	1	4	2	0	0	2	0	2	0	1
MEAN	2	2	2	3	3	3	2	3	3	2	2	2	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH DEC 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	2	1	6	4	2	6	1	2	6	3
2	0	1	3	3	8	3	3	1	2	2	2	2	2
3	1	1	3	4	1	2	2	3	1	3	2	2	2
4	2	2	1	2	4	0	2	3	2	3	0	1	2
5	2	0	2	0	2	0	1	2	1	1	0	2	2
6	3	1	3	2	1	4	6	9	11	6	3	2	2
7	2	2	4	6	10	9	9	3	6	2	3	7	5
8	2	4	1	12	8	***	9	5	5	3	3	3	5
9	2	2	1	2	14	4	3	1	6	11	6	5	5
10	3	3	4	9	12	11	8	7	2	2	4	3	6
11	3	1	0	3	4	1	2	3	1	0	3	0	2
12	2	3	3	1	6	2	5	4	3	3	1	3	3
13	3	2	2	3	1	0	2	2	0	2	2	0	2
14	2	5	3	3	11	4	5	7	8	4	3	4	5
15	0	4	1	2	6	***	11	12	0	5	2	4	4
16	2	1	0	5	2	3	2	2	2	4	2	2	2
17	5	2	5	4	4	6	1	1	4	1	3	2	2
18	0	0	2	3	1	2	2	0	0	0	5	5	4
19	5	1	2	0	2	2	7	2	6	3	4	2	1
20	0	2	1	2	3	7	2	4	2	8	4	4	3
21	6	6	3	4	5	3	3	***	3	2	2	2	4
22	0	1	1	0	2	2	5	10	8	4	7	4	4
23	4	5	3	4	7	12	5	3	3	5	3	2	5
24	3	0	3	4	2	0	3	2	2	3	1	1	2
25	2	2	2	0	1	2	2	2	2	2	2	2	2
26	4	4	2	2	3	0	2	4	0	2	0	2	2
27	1	2	2	3	2	5	3	3	3	1	7	4	3
28	4	4	2	2	2	3	4	6	0	3	2	2	3
29	1	1	1	2	2	3	2	0	6	0	3	2	3
30	4	1	2	0	1	7	3	8	5	3	0	2	3
31	0	0	2	6	4	2	2	2	0	5	3	3	2
MEAN	2	2	2	3	4	4	4	4	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - SKYWAY TOLL BOOTH HAMILTON NO 29058

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	7	10	26
FEB	28	8	15	36
MAR	24	6	20	71
APR	29	6	17	36
MAY	31	7	19	41
JUN	30	6	12	24
JUL	25	2	3	9
AUG	31	2	4	9
SEP	22	2	3	8
OCT	31	3	7	13
NOV	30	3	6	17
DEC	31	3	6	14
YEAR	341	4	20	71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON NO 29058

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	92	170	61	8	4	0	0	335
FEB	89	158	70	13	2	2	0	334
MAR	148	84	32	10	3	0	2	279
APR	192	83	37	20	10	1	0	343
MAY	148	130	50	29	12	2	1	372
JUN	160	142	42	10	2	0	0	356
JUL	266	19	0	0	0	0	0	285
AUG	342	21	0	0	0	0	0	363
SEP	245	14	0	0	0	0	0	259
OCT	298	67	6	0	0	0	0	371
NOV	297	53	5	1	0	0	0	356
DEC	295	64	10	0	0	0	0	369
YEAR	2572	1005	313	91	33	5	3	4022

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91	0	0.4	1.3	2.4	4.8	10.4	12.9	16.8	20.2	71	4.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1031 BARTON ST E HAMILTON

NO 29063

MONTH JAN 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	4	3	6	10	9	4	4	8	10	6	10	7
2	11	6	12	11	11	8	6	2	6	3	5	4	7
3	3	2	5	4	4	6	4	3	3	5	2	4	4
4	2	2	4	4	7	17	22	9	6	5	2	1	7
5	3	4	2	3	4	****	****	****	****	****	****	****	****
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21	****	****	****	****	****	7	5	3	3	7	5	7	****
22	4	2	11	5	6	2	5	7	15	11	15	19	9
23	3	9	0	2	0	2	3	2	5	7	3	2	3
24	4	4	3	10	7	9	5	11	7	9	7	4	7
25	3	7	7	11	****	7	3	5	10	9	8	13	8
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	4	4	5	6	6	7	6	5	7	7	6	7	6

PERCENTAGE OF DATA VALID - 28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1031 BARTON ST E HAMILTON

NO 29063

MONTH FEB 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4	****	****	****	****	****	****	****	8	8	6	5	6	****
5	3	3	5	2	6	1	2	5	2	4	2	4	3
6	3	0	2	6	4	3	2	6	4	4	9	15	5
7	5	7	19	13	14	7	7	4	8	7	7	7	9
8	6	5	7	5	7	3	8	5	4	7	8	4	6
9	2	3	3	4	5	4	4	4	4	1	2	2	3
10	1	5	1	3	0	3	2	5	7	2	4	5	3
11	4	2	9	9	9	8	8	5	8	8	3	4	6
12	6	4	2	6	5	5	11	10	7	9	8	6	7
13	4	2	3	0	1	1	2	3	2	3	4	1	2
14	4	2	0	4	0	2	2	2	2	2	4	1	2
15	4	0	2	2	4	4	2	5	8	2	4	4	3
16	5	2	2	6	9	0	6	1	2	2	2	3	3
17	3	3	4	12	8	7	8	7	5	3	3	0	5
18	7	4	3	3	2	2	9	6	2	9	6	5	5
19	3	7	5	7	3	6	5	3	2	9	0	3	4
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
MEAN	4	3	4	5	5	4	5	5	5	5	4	4	5

PERCENTAGE OF DATA VALID - 55

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1031 BARTON ST E HAMILTON

NO 29063

MONTH MAR 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	****	****	****	****	****	0	9	8	4	4	8	3	****
2	7	7	13	19	10	2	8	2	3	7	0	5	7
3	1	3	4	3	3	5	2	4	4	5	5	3	4
4	10	3	2	7	2	0	5	5	5	0	6	12	6
5	11	7	2	11	6	6	9	6	5	****	****	****	7
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23	****	****	****	****	****	****	1	1	3	5	2	6	****
24	5	4	3	5	4	5	4	7	3	5	2	4	4
25	2	7	3	9	5	5	5	3	5	4	6	7	5
26	3	5	5	9	10	3	7	3	5	2	2	12	6
27	12	13	9	7	3	2	0	5	0	2	3	2	5
28	5	4	2	3	2	2	6	7	7	4	10	5	5
29	2	4	2	7	8	3	3	5	3	7	1	4	5
30	3	0	8	7	5	3	4	4	7	2	3	9	5
31	9	11	11	15	3	4	5	5	3	5	0	5	6
MEAN	6	6	5	8	5	3	5	4	4	4	4	6	5

PERCENTAGE OF DATA VALID - 44

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1031 BARTON ST E HAMILTON

NO 29063

MONTH APR 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	5	5	13	11	6	7	12	15	11	6	3	8
2	3	5	7	3	2	3	2	5	2	5	7	12	5
3	9	2	2	2	0	3	2	3	5	2	3	7	3
4	5	2	3	2	3	2	4	3	2	7	3	8	4
5	5	11	9	17	5	6	9	7	3	6	5	5	7
6	13	12	13	11	16	4	6	6	9	9	11	12	10
7	12	11	6	9	10	2	5	****	****	****	****	****	****
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	7	7	6	8	7	4	5	6	6	7	6	8	6

PERCENTAGE OF DATA VALID - 21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1031 BARTON ST E HAMILTON

NO 29063

MONTH MAY 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6	****	****	****	****	****	5	3	2	4	2	7	3	****
7	8	8	15	17	5	5	3	2	2	3	15	8	8
8	3	6	13	3	3	15	15	9	8	7	5	17	9
9	13	9	17	18	7	2	2	0	3	2	2	3	7
10	2	6	7	10	5	5	2	2	2	2	3	5	4
11	5	8	11	5	3	11	10	7	8	9	11	15	9
12	13	9	11	11	5	2	5	0	2	2	2	2	5
13	0	2	2	8	3	9	****	3	4	2	4	3	4
14	2	6	3	4	3	2	1	3	1	0	3	2	3
15	2	2	6	3	2	2	3	3	4	2	4	2	3
16	2	3	2	3	2	2	2	2	1	2	2	2	2
17	1	1	2	3	2	2	0	2	3	4	2	3	2
18	0	0	3	2	****	****	****	****	****	****	****	****	****
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27	****	****	****	****	0	3	4	2	2	5	9	12	5
28	9	3	6	13	5	5	4	4	4	4	5	4	6
29	6	9	20	12	8	4	2	3	2	1	5	6	7
30	8	9	10	9	10	2	2	3	6	9	7	4	7
31	2	7	3	2	9	2	2	2	1	7	2	2	3
MEAN	5	6	8	8	5	5	4	3	3	4	5	5	5

PERCENTAGE OF DATA VALID - 53

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1031 BARTON ST E HAMILTON

NO 29063

MONTH JUN 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	6	12	7	2	1	4	7	5	5	2	5
2	10	6	9	11	11	15	7	12	11	7	12	8	10
3	5	2	1	4	2	3	2	4	2	4	1	4	3
4	2	5	1	8	2	5	2	6	0	3	13	8	5
5	7	5	2	3	2	3	2	1	1	8	3	2	3
6	3	3	7	5	2	10	5	5	0	2	0	0	4
7	0	2	3	5	2	****	4	2	2	0	3	2	2
8	0	2	7	3	2	3	2	5	5	2	2	2	2
9	11	5	2	4	4	2	3	3	3	3	3	10	4
10	2	7	6	8	5	5	11	3	2	2	5	2	5
11	3	5	12	10	6	11	7	15	7	5	11	6	8
12	6	3	2	7	13	17	11	2	3	2	2	2	6
13	2	0	5	4	3	3	2	4	12	2	6	2	4
14	2	7	11	7	5	****	12	12	14	6	14	19	10
15	3	7	11	14	9	6	2	4	5	12	19	6	8
16	2	9	8	5	14	4	2	8	6	5	5	8	6
17	9	10	9	6	10	4	3	6	6	2	4	8	5
18	9	6	7	7	14	10	8	5	3	6	4	6	7
19	10	6	5	10	16	12	8	7	13	8	7	2	9
20	3	4	2	2	2	3	2	2	0	1	0	2	2
21	0	2	4	2	3	0	5	3	3	2	3	2	2
22	2	3	4	7	****	4	2	4	2	2	2	6	3
23	0	4	3	17	18	10	6	4	1	2	0	2	6
24	2	1	6	7	3	0	7	2	5	2	2	4	3
25	9	5	7	5	5	9	7	10	6	7	3	6	7
26	4	1	2	5	2	0	2	2	3	0	4	7	3
27	4	6	4	3	5	4	2	4	2	2	1	17	5
28	4	16	4	13	6	8	6	4	6	1	9	5	7
29	1	6	4	4	3	2	****	0	2	7	5	2	3
30	2	0	3	3	3	7	4	2	0	3	0	2	2
MEAN	4	5	5	7	6	6	5	5	4	4	5	5	5

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1031 BARTON ST E HAMILTON

NO 29063

MONTH JUL 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	3	2	3	3	2	2	6	0	5	2	3
2	0	2	8	5	2	6	2	3	2	0	0	5	3
3	0	3	2	5	1	7	3	2	3	3	3	3	2
4	3	2	5	3	2	3	3	5	2	5	4	2	3
5	3	2	2	4	2	5	0	3	2	1	2	2	2
6	2	1	4	4	1	5	2	5	4	2	2	2	3
7	4	3	4	4	4	4	4	2	3	2	2	4	3
8	1	5	2	3	3	6	2	3	2	1	6	2	3
9	4	3	5	2	4	4	5	4	0	7	6	3	4
10	4	3	5	2	4	4	5	4	0	7	6	3	4
11	4	15	9	4	1	1	2	1	0	0	2	3	4
12	6	4	4	5	9	5	0	2	0	4	2	2	4
13	4	2	2	2	4	2	4	1	2	2	2	2	3
14	0	3	0	5	2	3	2	2	7	2	2	2	3
15	2	0	4	6	0	3	2	1	2	0	2	4	3
16	2	2	2	8	1	3	2	1	2	2	0	3	2
17	2	0	3	1	2	2	2	1	2	0	3	3	1
18	0	1	3	0	2	0	3	0	2	0	2	5	5
19	0	2	13	11	7	9	3	3	2	3	2	5	5
20	2	2	3	6	4	0	****	0	3	1	2	0	2
21	2	2	0	3	5	3	3	0	0	2	3	2	2
22	2	3	3	8	2	7	5	2	0	3	0	3	3
23	0	2	2	4	2	5	3	2	3	2	2	3	3
24	3	2	3	5	2	3	2	3	3	2	3	5	3
25	2	0	0	0	4	2	0	2	0	2	0	3	1
26	2	0	3	3	3	2	2	3	5	0	4	3	3
27	0	3	2	3	0	3	0	7	2	2	0	6	2
28	0	0	2	5	1	7	3	17	2	2	2	3	2
29	3	2	2	9	3	11	7	7	1	13	13	2	7
30	3	3	4	9	****	11	7	7	1	13	13	2	7
31	5	5	7	3	2	3	2	0	3	2	0	0	3
MEAN	2	3	3	4	3	4	3	3	2	2	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1031 BARTON ST E HAMILTON

NO 29063

MONTH AUG 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	5	2	2	4	0	0	3	2	9	3	3
2	5	5	2	2	3	3	2	0	3	2	0	3	3
3	2	0	3	3	5	5	0	5	2	0	0	1	2
4	3	0	2	2	5	2	3	0	5	2	5	3	4
5	5	7	5	7	5	4	1	2	0	1	3	0	2
6	2	6	3	3	3	2	0	2	0	2	0	4	2
7	3	0	1	2	2	2	0	2	0	2	3	2	2
8	2	3	2	2	4	7	2	2	0	3	2	3	3
9	5	3	2	2	5	7	2	0	2	3	2	3	3
10	2	0	3	3	****	4	5	0	3	0	2	0	2
11	0	2	1	0	2	0	2	0	0	4	0	4	1
12	0	2	2	4	0	2	2	1	1	2	2	0	2
13	0	2	3	4	0	2	1	2	1	2	5	5	2
14	2	3	4	5	2	3	2	2	4	3	5	3	3
15	2	0	1	0	0	2	0	2	2	2	2	2	4
16	0	4	6	10	4	2	2	2	5	9	3	4	5
17	5	2	8	9	9	3	2	2	3	6	9	3	6
18	5	4	10	11	11	2	3	****	4	2	6	2	5
19	5	4	6	11	6	2	3	4	6	2	6	2	5
20	4	1	5	3	4	1	1	2	3	5	5	2	3
21	4	5	2	3	3	2	2	2	4	2	3	4	3
22	5	2	2	2	1	3	2	2	4	1	8	3	3
23	8	5	5	2	1	1	2	0	4	2	9	6	4
24	1	16	3	2	2	7	2	0	1	0	3	1	3
25	3	9	7	5	4	2	2	1	8	7	6	6	5
26	10	7	23	10	****	****	****	16	14	7	8	8	11
27	10	4	2	10	6	8	9	13	4	2	4	2	4
28	6	7	5	1	3	5	4	5	2	1	3	2	4
29	1	2	2	1	3	0	2	5	2	1	4	4	4
30	2	1	0	6	6	8	6	5	3	6	4	4	4
31	5	10	12	4	3	2	****	****	****	****	****	****	****
MEAN	3	4	4	4	4	3	2	3	3	3	4	3	3

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1031 BARTON ST E HAMILTON NO 29063

MONTH OCT 71

STATION - 1031 BARTON ST E HAMILTON NO 29063	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7	****	****	****	****	****	****	****	****	3	3	5	4	****
8	6	5	5	7	9	1	0	2	4	7	28	7	7
9	7	18	2	6	7	10	5	8	2	9	6	4	7
10	3	2	2	2	2	6	6	3	3	2	1	6	3
11	4	2	1	3	2	2	0	4	0	4	2	0	2
12	0	2	2	4	5	4	3	3	2	2	8	11	4
13	10	10	11	8	16	11	16	7	7	7	7	9	10
14	7	9	12	9	2	2	3	6	4	6	4	8	6
15	3	7	4	15	4	3	6	6	7	6	10	12	7
16	11	7	17	19	8	8	6	3	10	8	7	4	9
17	6	6	3	2	2	0	4	2	3	3	1	9	3
18	5	5	9	11	9	13	9	9	6	7	8	6	7
19	4	10	7	12	***	6	7	3	7	6	6	8	7
20	8	14	18	8	2	8	9	7	5	12	11	14	10
21	12	17	10	21	16	14	9	8	8	10	12	8	12
22	2	4	7	12	8	10	5	9	7	7	5	3	7
23	4	10	10	11	14	7	1	0	0	3	10	4	6
24	5	0	9	10	5	4	2	4	2	2	1	2	4
25	0	0	6	8	12	10	5	5	2	2	3	4	5
26	2	4	2	8	3	4	4	6	2	4	3	4	4
27	4	4	3	5	4	5	6	8	3	9	4	2	5
28	3	3	3	7	2	2	4	3	4	3	8	8	4
29	9	7	8	15	***	6	3	2	0	3	5	11	6
30	7	11	14	17	15	12	8	9	8	7	10	3	10
31	4	4	1	6	7	3	4	2	3	2	0	2	3
MEAN	5	7	7	9	7	6	5	5	4	5	7	6	6

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1031 BARTON ST E HAMILTON NO 29063

MONTH NOV 71

STATION - 1031 BARTON ST E HAMILTON NO 29063	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	2	8	6	5	3	7	6	4	3	6	4
2	10	2	8	7	2	1	2	5	3	2	3	0	4
3	1	1	5	1	3	4	4	3	3	6	3	2	3
4	5	0	2	0	4	7	3	5	5	2	5	5	4
5	9	3	5	15	9	8	2	4	9	5	3	4	6
6	4	5	6	7	3	3	2	2	4	3	2	2	4
7	3	0	0	2	0	3	2	2	4	1	0	2	1
8	2	2	5	15	2	4	8	8	7	9	9	15	7
9	9	17	7	11	13	***	5	15	17	4	9	8	10
10	5	5	5	5	4	3	7	2	4	2	4	1	4
11	2	5	2	2	3	7	15	8	2	8	17	8	7
12	4	8	12	11	10	6	8	10	8	16	20	15	11
13	16	16	15	6	2	8	7	2	2	10	5	10	8
14	5	4	9	5	2	2	0	3	2	2	3	1	3
15	6	3	6	16	15	7	11	13	9	6	4	5	8
16	2	4	9	7	9	7	8	12	6	8	11	8	8
17	7	8	17	12	***	2	2	13	13	9	10	22	10
18	17	13	15	27	25	17	8	7	10	5	3	3	13
19	5	3	3	6	5	3	7	5	2	1	2	2	4
20	3	2	7	****	****	****	****	****	****	****	****	****	****
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25	****	****	****	****	****	****	6	14	9	8	6	6	****
26	5	10	15	14	14	7	4	15	5	8	14	8	10
27	5	4	11	12	8	8	8	9	10	5	4	6	8
28	5	3	3	1	6	2	3	4	3	6	3	1	3
29	1	2	3	3	2	****	****	****	****	****	****	****	****
30							- DATA MISSING -						
MEAN	5	5	7	8	7	5	5	7	6	6	6	6	6

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1031 BARTON ST E HAMILTON

NO 29063

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16	****	****	****	****	****	****	****	****	9	4	2	1	****
17	3	7	0	6	10	17	5	5	11	4	5	5	7
18	0	7	3	1	1	1	3	1	3	2	8	7	3
19	11	0	2	9	5	6	6	7	6	7	18	2	7
20	2	3	6	14	6	5	4	3	7	3	3	6	5
21	6	8	3	5	4	9	3	3	****	****	****	****	5
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	4	5	3	7	5	8	4	4	7	4	7	4	5
PERCENTAGE OF DATA VALID -													16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - 1031 BARTON ST E HAMILTON NO 29063

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	10	6	9	22
FEB	16	5	9	19
MAR	15	5	7	19
APR	7	6	10	17
MAY	18	5	9	20
JUN	30	5	10	19
JUL	31	3	7	17
AUG	31	3	11	23
SEP	DATA MISSING			
OCT	25	6	12	28
NOV	25	6	13	27
DEC	6	5	7	18
YEAR	214	5	13	28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 1031 BARTON ST E HAMILTON NO 29063

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	47	46	11	2	1	0	0	107
FEB	106	73	5	1	0	0	0	185
MAR	80	75	10	1	0	0	0	166
APR	28	34	15	2	0	0	0	79
MAY	120	57	16	5	0	0	0	198
JUN	196	122	30	8	0	0	0	356
JUL	304	58	6	1	0	0	0	369
AUG	262	91	5	2	1	0	0	361
SEP	DATA MISSING							
OCT	127	125	27	9	2	0	0	290
NOV	119	114	29	11	3	0	0	276
DEC	28	28	3	2	0	0	0	61
YEAR	1417	823	157	44	7	0	0	2448

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
60	0	0.9	1.8	3.2	5.3	9.4	11.9	15.2	16.8	28	4.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JAN 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	7	7	8	6	5	9	6	10	4	6	6	7	8	8	6	5	7	11	11	11	14	17	9	8
2	9	18	23	22	19	18	18	12	12	12	7	8	8	8	5	3	4	4	3	5	7	6	5	6	10
3	5	2	3	5	7	8	8	7	3	12	8	4	3	5	5	3	3	5	4	4	3	4	7	4	5
4	2	2	3	4	5	4	6	6	7	8	8	6	9	12	15	16	17	15	15	7	8	5	4	10	8
5	4	5	3	4	7	12	5	7	8	6	5	5	4	3	1	4	6	5	5	5	4	7	6	8	5
6	6	6	7	9	7	8	7	8	9	5	7	8	5	3	3	3	7	9	7	8	7	8	7	4	7
7	6	6	7	7	6	9	10	11	12	10	8	8	4	4	4	5	4	5	5	5	7	8	7	8	7
8	7	5	5	3	4	6	6	12	15	14	16	19	15	10	11	6	9	8	9	14	16	18	18	13	11
9	16	17	10	9	9	10	8	9	7	7	11	10	4	4	5	7	6	9	7	13	10	9	10	8	9
10	19	13	13	15	12	12	15	11	10	9	10	8	7	10	8	8	8	10	10	10	6	5	5	5	10
11	5	7	5	6	5	10	11	15	12	13	7	5	8	10	8	9	11	11	11	9	9	10	6	3	9
12	4	2	3	5	3	3	3	5	5	8	5	5	5	8	4	10	12	13	13	11	13	10	9	13	7
13	8	7	5	7	6	6	5	8	12	10	9	8	8	7	6	13	7	5	6	8	5	7	7	6	7
14	8	9	6	6	7	10	10	15	18	15	14	18	11	7	6	7	9	10	7	5	8	11	12	8	10
15	7	5	6	5	3	4	6	7	8	7	5	4	3	4	4	4	7	5	6	8	7	6	6	5	6
16	6	6	5	4	4	3	3	7	8	9	12	10	7	9	8	6	8	12	11	13	12	12	13	10	8
17	8	11	12	11	14	12	9	9	11	8	3	5	3	2	3	3	6	6	9	6	7	11	8	9	8
18	8	7	5	8	7	5	6	8	10	9	7	6	7	6	4	5	7	7	6	6	6	6	6	6	7
19	7	3	2	5	3	3	4	5	6	11	4	3	7	4	3	9	10	8	7	6	7	6	5	6	6
20	7	4	5	4	6	6	6	8	9	9	6	5	5	5	7	6	10	16	10	6	8	8	8	8	7
21	8	8	8	8	8	14	13	15	13	12	11	10	11	12	12	12	13	9	9	8	6	7	6	7	10
22	7	5	6	9	11	15	11	12	19	11	10	9	11	11	7	7	11	13	15	10	7	8	14	18	11
23	12	11	14	13	13	12	7	7	4	3	3	3	3	3	3	3	5	6	7	9	7	10	12	4	7
24	4	5	7	6	7	8	12	10	13	8	9	6	9	8	9	7	9	9	7	8	22	12	11	9	9
25	11	12	12	10	10	11	14	13	14	16	15	17	14	11	12	13	12	14	9	12	13	11	11	16	13
26	16	14	12	10	10	10	7	11	12	12	7	8	9	13	4	5	7	4	5	3	3	3	5	6	8
27	5	5	3	4	3	2	2	4	4	4	4	4	3	4	3	4	4	7	4	7	7	8	9	11	5
28	7	3	2	1	1	1	6	13	12	9	10	7	4	3	3	5	8	7	6	7	6	6	7	6	6
29	6	6	6	5	6	5	7	8	9	10	6	9	7	6	1	7	10	11	7	9	8	9	10	10	7
30	10	7	8	7	10	9	6	5	5	4	3	3	2	4	5	5	5	5	5	5	6	7	5	3	6
31	4	5	5	5	8	8	6	6	6	6	4	4	5	5	5	6	5	5	6	8	8	8	6	5	6
MEAN	8	7	7	7	7	8	8	9	10	9	8	7	7	7	6	7	8	8	8	8	8	8	8	8	8

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH FEB 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	8	6	8	8	8	7	9	7	7	6	6	6	7	8	7	7	6	4	5	10	7
2	9	8	7	7	9	11	8	7	8	5	5	4	4	4	5	7	9	8	7	8	11	11	11	7	
3	11	9	12	12	9	13	10	12	17	14	13	19	14	8	8	9	10	11	11	7	6	7	15	23	12
4	14	11	11	7	8	7	10	10	8	10	9	10	12	11	10	9	13	9	8	7	6	7	7	8	9
5	6	6	5	5	6	6	8	10	10	14	9	11	7	6	12	6	10	9	8	7	8	7	7	7	8
6	7	6	6	4	6	5	6	7	9	8	8	5	6	8	5	5	7	6	6	7	7	10	9	11	7
7	9	9	9	6	11	22	18	22	13	13	8	5	5	5	5	8	7	7	7	8	8	8	7	8	10
8	9	12	10	11	7	8	10	9	11	13	10	14	11	13	14	14	14	13	13	12	11	13	7	7	11
9	5	4	5	6	2	3	3	6	6	7	5	1	3	3	4	3	4	5	5	7	7	7	6	6	5
10	7	7	6	5	6	6	6	6	7	6	5	6	5	6	5	7	8	8	7	8	9	9	9	8	7
11	8	8	11	9	10	9	8	12	13	10	10	12	12	14	12	14	15	13	13	9	10	15	7	7	11
12	9	7	7	5	11	14	11	13	16	12	19	16	16	18	16	19	20	18	29	14	8	5	7	8	13
13	8	6	8	7	8	7	8	8	6	9	8	8	7	14	7	8	6	6	6	6	4	3	4	4	7
14	3	4	4	3	2	2	2	3	4	2	2	5	2	3	3	2	4	3	4	5	6	4	4	5	3
15	5	6	7	7	8	8	7	7	8	7	3	13	9	6	6	6	7	7	7	6	5	5	4	5	7
16	4	6	5	8	8	7	7	11	12	15	14	12	9	6	5	4	4	6	5	6	7	8	7	9	8
17	8	8	12	11	10	11	11	11	11	10	14	11	12	11	12	11	10	11	9	7	10	8	9	8	10
18	8	8	7	6	10	8	9	14	14	14	11	11	12	4	7	5	5	6	4	5	7	7	9	9	8
19	13	10	8	6	7	5	9	8	5	4	4	4	4	5	4	4	5	4	5	4	3	4	3	4	6
20	3	3	3	4	5	3	4	5	6	8	10	13	15	20	17	17	17	13	7	8	6	4	4	4	8
21	4	4	4	3	3	3	4	3	3	3	3	2	3	4	3	6	4	10	11	9	10	10	9	5	5
22	6	5	4	5	6	3	4	4	6	4	6	4	5	4	4	4	6	4	4	3	3	3	3	3	4
23	3	3	3	4	5	8	11	11	12	10	8	8	7	8	9	9	8	7	7	8	10	9	7	8	4
24	5	4	3	4	3	3	4	5	5	5	5	5	6	7	7	8	8	8	9	5	8	7	9	6	6
25	10	9	9	8	10	8	11	13	9	10	8	8	8	7	7	8	10	13	12	14	13	13	8	7	10
26	7	15	16	16	15	13	12	14	13	12	11	10	9	9	9	11	13	12	10	10	10	9	11	11	12
27	12	10	11	15	24	12	6	10	9	10	6	5	4	5	3	4	3	8	3	4	4	4	4	4	7
28	4	4	5	3	4	4	4	8	6	4	4	5	5	3	4	3	4	3	4	4	4	3	3	3	4
MEAN	7	7	7	7	8	8	8	9	9	9	8	8	8	8	8	8	9	8	8	7	7	7	7	8	8

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX											UNITS - COHS/1000FEET X 10														
STATION - 67 COLLEGE ST TORONTO OAMST NO 31001											MONTH MAR 71														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	6	8	12	10	4	5	4	3	2	3	3	1	1	3	4	4	5	5	6	6	4	3	5
2	4	5	6	13	8	9	13	11	10	4	6	5	5	8	7	5	5	4	3	5	7	6	4	4	4
3	4	6	5	5	5	18	19	21	11	9	10	8	7	7	6	7	8	8	7	8	8	6	7	6	9
4	5	5	3	3	4	4	3	4	4	3	3	3	2	2	8	3	3	3	2	3	5	4	4	4	4
5	4	6	4	4	4	6	8	13	10	8	6	6	5	5	5	5	11	10	10	9	13	11	13	13	8
6	13	10	10	8	9	10	9	11	9	6	4	6	6	4	5	5	6	4	5	6	4	4	5	5	7
7	5	4	5	4	5	7	4	3	2	4	3	5	4	3	3	2	2	3	2	2	2	3	3	2	3
8	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	5	4	4	1	3	2	2	2
9	1	2	2	1	1	5	4	4	4	4	3	3	3	2	3	4	5	1	4	6	8	10	8	4	4
10	7	21	12	18	19	19	25	21	19	9	5	5	5	5	6	7	8	9	8	8	5	7	11	8	11
11	9	8	8	6	10	8	9	8	8	6	5	4	5	5	3	2	7	5	11	7	10	9	11	7	7
12	17	14	10	11	15	14	21	25	12	14	10	11	6	5	3	2	8	11	9	9	8	7	10	12	11
13	16	13	10	7	8	10	8	8	10	5	10	10	9	12	15	10	11	11	14	12	9	9	9	8	10
14	9	10	15	23	20	20	10	10	9	7	8	7	7	7	6	9	6	7	8	9	11	15	27	22	12
15	22	18	15	14	16	14	14	14	10	11	16	11	8	5	4	5	7	6	6	6	4	5	6	6	10
16	6	7	9	8	4	7	6	5	5	4	4	3	3	5	5	3	4	3	3	3	3	4	3	5	5
17	3	3	4	4	4	3	4	5	5	2	3	2	2	2	2	2	3	4	3	3	3	4	3	3	5
18	7	6	6	5	7	7	8	13	10	13	12	6	3	7	6	5	5	6	8	7	3	7	7	9	7
19	5	6	5	4	5	4	5	5	7	7	6	6	6	7	6	12	13	13	11	10	5	4	4	3	7
20	3	4	8	11	10	9	8	10	9	7	5	4	4	3	4	4	6	6	6	10	4	3	3	2	3
21	4	4	3	3	3	2	4	3	5	3	3	2	2	2	2	2	2	2	2	3	3	4	5	4	3
22	4	4	4	6	6	4	4	7	6	5	4	6	3	2	2	2	4	3	4	4	5	7	8	5	5
23	4	5	5	6	7	6	7	8	6	5	3	4	3	3	3	3	4	4	4	3	3	3	3	2	4
24	3	2	2	2	2	2	3	4	4	3	4	3	3	2	2	6	4	3	3	4	5	4	5	5	3
25	4	4	4	5	5	5	6	5	6	6	4	3	2	3	2	3	4	4	5	5	5	5	6	7	5
26	7	9	7	7	6	6	8	10	9	4	4	3	5	4	4	4	5	5	5	5	6	7	7	7	5
27	13	12	12	11	9	7	8	8	4	3	3	3	3	2	3	4	6	4	5	5	5	5	6	7	6
28	4	4	4	4	3	4	3	5	5	6	4	4	4	5	5	5	5	6	7	9	10	13	12	10	6
29	12	8	9	10	7	6	8	8	4	4	4	3	2	2	2	3	4	3	3	3	2	3	3	3	5
30	2	2	2	3	3	3	4	3	3	2	4	3	2	2	3	3	4	4	3	4	6	6	6	3	3
31	7	8	9	16	12	13	18	20	12	8	7	5	7	5	7	5	8	8	7	5	4	4	5	4	9
MEAN	7	7	7	7	7	8	8	9	7	6	5	5	4	4	5	5	6	5	6	6	6	6	7	6	7

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX											UNITS - COHS/1000FEET X 10														
STATION - 67 COLLEGE ST TORONTO OAMST											MONTH APR 71														
STATION - 67 COLLEGE ST TORONTO OAMST	NO 31001																								
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	3	6	8	6	6	8	6	9	7	8	7	7	11	11	19	24	17	11	7	6	8	11	9
2	10	9	11	7	4	4	5	6	9	6	4	4	5	9	6	4	4	4	5	5	5	5	5	4	6
3	4	5	6	3	7	5	5	6	6	3	4	3	3	3	3	3	3	4	4	3	3	4	3	3	4
4	4	3	3	4	4	4	4	4	2	3	2	3	3	4	3	2	6	7	6	7	6	7	6	4	3
5	4	5	6	10	6	6	7	6	6	4	6	3	3	3	2	6	7	6	6	7	6	7	6	6	6
6	6	5	4	5	6	7	8	7	8	5	6	5	2	3	3	5	6	7	10	10	9	7	6	7	6
7	8	6	5	5	4	7	5	5	6	5	5	2	2	2	2	2	3	3	3	4	4	3	3	4	6
8	5	4	3	4	3	4	4	4	4	4	5	5	7	7	9	9	7	7	6	4	4	6	8	13	9
9	18	17	16	13	13	13	12	17	11	11	9	9	11	8	7	6	6	6	5	5	2	1	1	1	6
10	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2	3	5	6	5	4	7	2
11	6	9	8	14	15	11	16	22	13	10	13	11	6	5	4	4	7	9	8	7	14	13	22	13	11
12	14	15	13	14	14	15	16	23	13	17	16	16	14	13	15	12	12	14	14	15	18	23	15	15	
13	19	14	11	10	19	16	13	11	7	5	4	7	7	4	5	4	8	5	4	7	5	3	3	4	3
14	2	3	2	2	2	3	3	3	3	3	3	3	2	5	3	3	4	3	5	3	5	3	4	3	8
15	5	5	5	6	4	9	13	9	7	5	9	7	5	7	4	2	4	4	3	4	5	5	4	6	6
16	5	4	5	4	3	4	3	3	3	3	3	2	2	1	2	3	3	3	3	5	4	3	3	3	3
17	5	4	3	1	2	2	3	3	3	3	3	4	3	3	5	4	5	4	5	5	6	5	7	4	4
18	7	6	5	11	10	10	9	8	6	3	8	6	9	7	6	7	6	7	6	5	5	5	8	5	7
19	6	6	6	6	5	5	6	8	8	7	11	9	5	8	7	9	10	12	7	9	7	7	6	6	7
20	7	8	5	6	6	12	8	14	11	9	11	8	7	8	8	7	8	11	10	14	10	10	11	9	9
21	10	13	5	3	2	3	3	2	2	2	1	1	2	2	2	3	2	3	2	2	2	2	2	3	3
22	2	2	2	2	3	2	2	3	3	3	6	2	2	3	3	3	3	2	3	2	3	2	3	3	3
23	3	3	2	3	3	4	4	4	3	2	2	2	2	1	1	2	2	3	3	2	6	8	7	3	3
24	6	8	8	9	9	5	5	3	2	2	2	2	2	3	2	3	2	2	3	2	3	2	2	3	4
25	4	3	3	2	2	3	3	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2
26	2	2	1	1	1	2	2	4	4	3	3	3	3	3	3	2	3	2	2	2	2	2	2	2	2
27	3	2	2	2	3	3	5	7	7	8	9	8	8	9	13	16	7	4	5	9	5	4	4	3	4
28	4	4	3	4	5	3	5	7	7	8	9	8	8	9	13	16	24	23	25	30	14	13	15	14	11
29	13	10	5	5	4	7	5	6	6	5	4	5	4	4	3	3	4	5	7	5	4	5	6	6	6
30	6	4	4	4	6	5	7	7	7	6	6	3	10	3	3	4	5	6	5	3	5	3	6	7	5
MEAN	7	6	5	6	6	6	6	7	6	5	6	5	5	5	5	5	6	6	6	6	6	5	6	6	6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH MAY 71

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	8	8	6	10	10	12	17	14	12	8	7	6	8	6	4	8	9	8	7	6	6	6	8	7
2	6	6	8	7	7	11	10	11	3	5	8	5	3	4	6	4	5	11	9	7	6	5	8	7	
3	11	5	5	3	7	12	7	6	7	6	4	8	6	3	6	6	5	3	6	2	2	2	2	3	
4	2	5	3	3	3	3	4	4	3	3	3	2	3	3	3	3	3	3	3	3	3	4	8	6	
5	4	6	5	5	7	16	19	24	19	15	10	8	8	6	8	10	7	8	11	12	15	15	13	11	
6	9	6	7	7	6	6	7	9	8	6	5	8	8	6	8	6	10	2	2	2	3	3	3	6	
7	3	5	5	6	4	5	5	8	10	20	8	6	3	2	4	5	5	2	2	2	3	3	3	6	
8	6	4	4	4	3	3	4	3	4	4	5	6	5	5	5	5	6	6	6	6	8	5	6	6	
9	11	10	11	12	12	13	9	7	4	5	8	5	7	5	5	5	6	4	6	6	8	7	8	5	
10	14	12	12	10	6	7	8	8	5	5	4	4	9	7	6	6	3	3	6	7	5	7	10	7	
11	9	11	10	8	8	15	23	22	16	10	7	4	4	6	5	6	5	11	7	6	8	8	10	15	
12	16	12	12	11	6	6	14	12	13	11	10	6	3	2	2	2	3	1	2	4	3	2	3	3	
13	2	3	2	3	3	4	5	6	6	10	6	4	5	9	2	6	4	3	4	3	6	8	6	5	
14	4	3	3	3	3	3	6	4	2	1	2	2	5	7	4	5	5	2	2	3	4	10	9	8	
15	12	18	13	11	20	8	8	8	8	8	6	7	7	9	7	8	8	11	12	16	12	12	9	10	
16	8	6	7	6	5	5	6	12	8	6	6	6	6	7	7	6	2	4	3	3	3	3	3	6	
17	4	3	4	1	2	2	3	2	2	4	4	2	3	11	7	7	6	2	4	3	3	3	3	6	
18	11	17	8	5	6	8	16	5	11	12	15	13	10	9	11	14	13	9	10	9	12	8	6	10	
19	12	16	13	9	14	15	18	19	21	17	11	13	12	9	11	10	13	9	10	9	12	8	6	10	
20	3	3	2	2	5	7	6	8	10	5	9	7	7	7	8	6	5	3	4	3	3	3	4	4	
21	3	2	4	11	7	6	7	7	3	4	4	4	5	5	3	4	3	2	2	2	2	2	3	4	
22	2	1	1	3	3	2	2	2	1	2	2	2	1	1	1	1	1	2	3	4	3	1	3	2	
23	3	4	3	3	2	3	2	2	0	1	3	3	3	4	4	3	3	4	5	7	5	4	5	4	
24	3	4	3	3	6	3	4	3	3	3	4	4	3	3	4	6	5	4	3	3	4	6	5	4	
25	6	8	12	10	6	9	13	11	6	9	6	4	3	3	3	4	5	3	2	3	3	3	3	6	
26	4	3	3	2	3	2	4	3	4	4	3	3	3	3	3	4	3	2	3	3	3	5	4	6	
27	3	3	1	2	4	3	4	5	6	5	3	3	4	5	7	6	6	4	5	4	5	6	10	13	
28	12	5	3	3	5	8	6	9	9	14	10	8	8	6	4	3	3	4	4	5	6	8	9	8	
29	14	8	5	6	13	20	9	12	13	6	6	5	5	5	3	3	3	3	4	5	11	12	13	8	
30	14	17	14	12	5	9	14	14	14	8	7	5	4	5	6	6	4	4	5	5	3	4	7	7	
31	4	3	3	2	8	7	4	4	2	5	5	3	4	4	5	10	8	7	4	5	4	3	3	2	
MEAN	7	7	6	6	6	7	8	9	8	7	6	5	5	5	5	5	5	4	5	5	5	6	7	7	

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH JUN 71

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	2	3	11	8	7	5	3	3	3	5	3	10	4	12	3	4	5	3	3	2	5	
2	3	4	5	5	3	4	6	7	7	8	8	7	8	10	17	16	21	20	20	17	13	8	12	10	
3	12	17	13	16	13	13	14	16	9	14	11	9	7	4	5	4	4	4	4	4	6	9	11	9	
4	12	12	10	9	15	18	16	15	14	14	13	13	14	9	4	5	4	4	4	4	5	4	5	10	
5	7	6	5	4	2	3	2	2	3	7	4	2	3	5	3	5	4	9	9	9	8	8	5	5	
6	14	7	4	8	8	6	7	9	11	11	6	5	6	10	11	10	14	14	14	16	6	7	9	7	
7	6	5	5	6	10	8	18	17	17	5	3	2	3	2	4	10	9	6	8	8	8	7	4	8	
8	2	1	1	1	1	3	3	3	3	3	3	2	3	2	1	4	4	3	2	2	3	3	2	6	
9	3	4	2	2	2	4	5	2	4	4	4	3	5	3	4	5	3	4	4	5	3	3	3	3	
10	3	4	2	2	2	4	5	2	4	4	4	3	5	3	4	5	5	4	4	4	4	4	10	5	
11	8	5	5	9	8	6	8	6	4	4	3	2	2	3	3	3	3	3	3	6	5	6	5	5	
12	7	8	7	8	8	11	10	10	12	15	12	12	15	12	9	10	12	6	9	13	12	15	14	21	
13	24	18	13	11	8	5	8	10	6	4	5	4	3	4	4	8	7	6	7	13	12	10	9	9	
14	8	11	8	6	5	7	11	9	5	4	5	5	4	5	8	8	5	3	2	2	3	3	3	6	
15	5	5	5	6	4	4	5	6	5	5	6	6	6	5	5	5	5	3	3	3	4	3	3	5	
16	5	5	4	6	4	5	7	5	6	6	4	5	5	5	8	8	9	7	7	6	7	10	9	6	
17	7	12	12	10	12	12	17	15	14	12	10	9	9	8	7	7	6	7	7	6	7	10	9	6	
18	12	9	13	14	16	15	16	20	15	16	15	14	14	6	5	7	7	8	6	10	8	7	9	10	
19	9	11	13	13	11	12	10	13	10	9	10	10	12	7	7	7	8	7	6	7	7	7	7	9	
20	8	7	6	8	7	6	6	8	8	7	5	4	5	4	3	1	2	4	3	3	6	5	3	5	
21	7	4	5	4	8	6	3	3	0	4	1	3	2	3	2	2	1	1	3	2	2	1	2	3	
22	3	1	3	2	1	2	4	6	6	3	3	3	2	3	1	3	4	3	4	3	7	5	7	4	
23	7	7	8	8	9	10	16	18	11	11	8	5	6	4	5	7	7	7	5	5	4	5	5	6	
24	6	5	4	4	4	5	6	5	5	3	3	6	9	7	7	7	7	7	5	6	8	4	3	5	
25	4	2	3	6	1	2	6	5	6	8	7	4	5	6	9	10	10	13	3	2	2	2	2	5	
26	1	2	1	1	2	2	2	2	2	4	4	3	4	2	2	2	2	3	3	2	6	8	11	5	
27	4	6	5	7	6	5	9	12	10	8	8	6	5	6	6	6	5	7	9	5	6	4	4	7	
28	4	3	3	3	5	6	1	6	5	11	6	4	4	4	5	8	5	4	4	4	4	4	4	5	
29	3	4	4	9	7	6	4	3	3	7	2	4	2	4	4	4	6	5	5	5	6	7	11	5	
30	7	6	6	10	5	9	15	13	11	8	8	10	8	8	8	7	5	4	5	4	4	3	7	5	
MEAN	7	7	6	7	6	7	8	8	7	7	6	6	6	5	6	6	6	6	6	6	6	6	6	6	

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUL 71

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	3	3	2	3	3	5	4	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
2	1	1	1	2	2	1	2	2	3	2	2	2	1	1	1	1	1	2	2	2	1	1	1	3	2
3	2	2	1	1	2	2	2	2	1	1	2	1	1	1	1	1	2	2	3	2	1	2	2	2	2
4	3	5	4	3	4	3	4	6	5	3	4	4	4	5	6	4	5	4	4	3	3	7	7	10	5
5	12	10	8	7	7	8	9	10	9	8	7	7	9	8	9	6	6	6	7	7	5	7	6	4	8
6	3	5	3	4	5	2	5	6	4	3	2	2	1	2	2	2	2	1	1	1	2	5	6	7	3
7	4	3	3	3	2	3	8	11	12	10	7	3	1	3	2	3	4	2	2	2	3	5	5	4	4
8	7	13	6	8	9	13	14	13	8	8	8	8	7	10	12	10	6	8	8	9	13	8	8	9	3
9	6	4	4	2	2	2	3	4	3	2	1	1	5	3	1	1	1	1	1	2	2	3	4	3	4
10	3	3	2	2	4	3	2	2	3	2	5	5	5	4	3	3	3	9	6	2	4	4	4	3	4
11	2	2	2	3	2	2	1	1	0	1	1	1	0	1	2	1	2	3	4	2	2	2	3	3	2
12	3	3	2	2	3	4	5	9	6	4	4	3	2	2	2	3	3	3	1	1	2	2	2	3	3
13	2	4	6	2	5	3	5	7	10	7	8	6	6	7	2	2	2	3	1	1	3	2	2	1	4
14	1	0	1	1	1	2	2	2	2	1	8	8	5	2	2	2	4	2	2	2	4	5	5	2	5
15	2	1	1	1	4	5	5	11	12	11	8	8	5	2	2	2	4	2	2	2	4	5	5	2	5
16	7	4	6	5	4	5	7	9	8	9	8	5	7	2	7	5	5	5	4	4	4	4	4	7	6
17	5	4	2	2	1	0	1	1	1	2	1	1	1	1	0	0	0	0	0	1	1	1	3	5	6
18	4	3	2	2	2	2	1	2	1	2	1	0	1	0	0	0	1	0	0	3	2	2	3	2	1
19	3	2	5	3	3	3	4	5	4	3	4	2	5	4	3	3	4	2	3	2	3	3	3	2	3
20	2	2	1	2	3	4	6	9	6	3	6	6	5	5	3	4	2	3	2	4	5	8	4	4	4
21	4	3	4	3	5	5	7	11	14	8	5	5	3	3	2	3	3	4	3	3	3	4	5	8	5
22	6	7	7	8	9	9	10	11	12	12	10	6	7	6	9	7	5	4	6	6	6	5	6	8	8
23	5	4	7	6	6	11	15	10	10	10	10	7	9	6	6	5	5	5	6	5	6	6	5	5	7
24	6	9	6	7	6	8	11	17	9	7	6	5	5	4	5	3	4	2	2	2	2	3	5	6	6
25	5	7	9	5	7	5	7	9	7	10	5	5	4	3	3	4	6	5	3	3	5	3	4	3	5
26	3	4	7	10	5	5	7	9	7	1	5	5	4	3	4	3	7	5	3	3	3	3	3	3	5
27	1	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	2	3	3	3	3	3	2	1
28	1	3	6	5	6	6	7	7	5	5	4	3	4	5	4	5	4	5	6	7	8	5	3	3	5
29	4	4	9	5	4	6	6	11	13	14	14	8	5	6	5	5	5	5	6	3	5	5	4	6	5
30	4	4	4	3	4	7	9	7	5	8	4	4	3	4	6	7	5	6	5	5	5	5	5	2	5
31	2	1	1	1	1	1	2	1	1	1	2	1	1	2	1	1	3	2	3	3	3	3	4	3	2
MEAN	4	4	4	4	4	4	6	7	6	5	5	4	4	3	4	3	4	3	3	3	3	4	4	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH AUG 71

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	5	7	5	7	8	6	5	4	5	4	3	3	4	6	3	3	3	5	5	4	5	5
2	4	5	5	5	6	5	10	9	7	7	6	5	4	4	4	3	2	3	3	4	4	5	5	4	5
3	7	7	8	6	6	7	8	6	4	3	2	2	1	1	2	2	1	1	1	1	1	2	1	3	3
4	2	3	1	2	2	3	4	5	4	2	3	2	3	5	2	5	6	5	2	2	3	1	2	3	3
5	3	2	2	2	2	3	5	6	4	2	3	4	5	5	4	4	3	3	4	4	4	2	4	3	3
6	3	3	2	1	1	2	4	5	3	2	1	2	2	2	2	2	2	2	1	0	0	0	0	0	2
7	4	2	4	3	2	2	1	0	0	2	2	2	4	4	4	4	4	2	2	2	2	2	2	2	2
8	3	2	2	2	2	2	3	2	2	6	4	5	4	4	4	3	3	3	2	2	4	6	3	4	3
9	4	4	3	4	5	5	9	10	8	14	11	9	9	9	11	9	10	9	8	7	8	8	7	7	8
10	6	6	6	7	13	11	9	10	10	5	11	8	3	6	7	7	3	6	5	5	2	2	3	4	6
11	2	2	2	3	4	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
12	2	2	2	2	2	2	6	5	3	2	3	1	3	5	4	4	4	3	10	4	5	5	4	4	4
13	4	4	3	5	4	12	10	11	13	7	9	6	6	6	6	6	6	4	7	5	6	9	9	7	7
14	13	8	7	6	6	13	10	12	9	7	8	8	9	9	12	5	3	5	5	4	4	6	3	8	8
15	2	1	0	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	5	5	4	2
16	5	4	3	4	3	5	6	7	3	7	6	3	2	4	2	2	2	2	2	2	2	5	7	10	4
17	7	6	4	5	8	12	12	11	6	5	14	11	10	12	6	7	6	5	5	6	10	7	4	3	8
18	3	3	3	3	5	2	13	19	8	18	10	6	3	5	7	7	7	7	9	9	10	6	8	7	7
19	7	15	12	13	5	12	13	14	6	12	10	10	11	8	7	8	7	7	7	5	7	9	7	7	9
20	4	6	6	6	6	9	8	10	17	13	3	1	2	2	1	2	2	1	2	2	3	3	4	7	5
21	4	3	3	4	4	7	8	6	11	12	4	2	2	1	1	1	0	1	2	2	4	2	3	4	4
22	4	3	4	3	2	1	3	6	6	4	7	5	3	2	2	4	2	2	2	3	5	3	1	2	3
23	2	2	1	1	1	1	2	2	2	3	1	0	1	1	1	2	1	2	1	1	2	3	2	2	2
24	4	3	3	2	2	4	6	5	5	2	1	1	1	2	5	4	3	3	5	3	3	7	8	4	4
25	7	7	9	8	6	5	7	7	7	8	9	11	9	11	10	9	10	8	8	7	9	8	10	8	8
26	7	8	8	6	5	7	6	7	7	7	7	6	9	7	9	9	9	8	8	6	9	8	3	7	7
27	5	5	6	2	2	4	8	8	8	7	7	9	8	7	7	7	6	5	4	4	5	5	4	5	6
28	4	3	3	3	2	3	3	3	3	2	2	2	2	3	3	4	3	3	3	7	4	6	6	3	3
29	4	4	3	3	2	3	5	4	3	4	7	8	7	7	5	6	3	3	3	7	4	6	5	5	5
30	5	7	6	4	6	10	9	9	10	7	6	4	4	5	5	4	2	2	2	2	2	2	3	5	5
31	4	4	3	3	1	3	6	6	4	4	5	4	3	5	4	4	4	3	4	4	3	3	5	4	4
MEAN	4	4	4	4	4	5	7	7	6	6	6	5	4	5	5	5	4	3	4	4	4	5	5	5	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH SEP 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	5	3	5	4	5	8	9	6	5	3	3	2	3	3	4	6	3	3	3	3	4	5	7	5
2	10	17	11	15	12	10	11	16	13	12	12	10	9	10	8	8	8	8	8	8	8	10	8	11	11
3	12	9	11	10	11	11	12	10	10	11	10	8	8	9	8	7	5	5	6	6	7	7	10	8	9
4	6	5	4	10	8	7	11	12	9	7	6	5	5	8	7	5	5	5	4	6	5	4	3	5	6
5	5	5	3	2	2	3	5	4	4	6	5	6	6	6	3	3	3	3	3	12	6	7	5	7	5
6	4	10	4	7	10	4	6	8	9	9	8	7	6	7	6	6	6	6	6	6	6	7	6	4	5
7	3	3	4	4	5	6	7	7	5	6	6	7	5	5	6	6	6	6	5	5	4	4	5	4	5
8	4	5	5	4	5	4	4	5	5	7	10	7	10	6	7	6	6	6	6	6	6	5	5	5	6
9	3	1	1	1	1	2	3	5	3	8	2	2	3	5	1	3	2	3	4	5	3	3	2	5	3
10	7	8	9	6	5	6	8	10	4	1	2	2	3	3	3	3	6	3	3	4	1	3	4	5	5
11	4	6	7	9	11	11	9	12	8	8	8	5	4	6	4	2	3	4	4	2	1	1	1	1	5
12	1	1	1	2	1	1	2	2	2	2	1	2	3	2	2	2	3	4	4	3	4	3	3	2	2
13	2	2	2	1	1	1	2	5	5	4	5	4	4	5	4	4	3	2	2	3	2	1	1	2	3
14	1	2	1	1	1	2	3	4	4	4	3	2	3	2	4	5	5	5	6	3	4	4	5	7	3
15	6	6	7	10	9	4	5	6	7	8	7	7	7	7	2	2	1	1	2	2	2	2	2	3	5
16	3	2	2	2	2	2	4	6	8	9	8	4	3	5	3	4	4	3	6	7	7	6	6	5	5
17	2	3	3	4	4	4	4	6	6	4	4	1	2	3	3	3	3	3	3	5	4	3	3	2	4
18	3	3	3	2	4	4	6	5	4	2	2	1	2	1	2	1	2	2	3	3	3	3	3	4	3
19	2	3	3	3	2	2	1	2	2	1	1	1	2	1	2	2	2	2	3	4	3	3	6	17	3
20	6	7	5	5	7	9	12	5	4	4	4	3	2	5	6	2	4	1	1	1	1	1	2	1	4
21	1	1	1	0	1	2	4	5	4	3	3	2	1	1	3	3	3	2	3	3	4	3	7	6	3
22	6	8	11	14	11	9	13	22	23	11	6	4	2	2	2	3	3	4	7	6	4	5	5	4	8
23	2	3	2	3	3	3	5	5	4	4	5	5	8	6	7	4	5	5	5	5	1	0	1	1	1
24	1	1	3	3	2	3	5	5	5	4	1	2	1	1	1	2	2	2	2	3	4	3	3	4	3
25	2	3	3	2	2	2	4	5	8	10	4	2	2	2	1	2	1	2	2	2	3	5	3	4	3
26	3	1	3	1	1	2	2	2	2	2	1	1	1	1	2	2	2	2	3	3	6	4	6	4	2
27	3	4	5	4	4	7	8	5	4	4	4	4	3	3	4	4	5	3	4	4	5	4	5	7	4
28	10	6	5	6	5	5	5	7	7	6	6	7	9	8	8	7	10	8	7	7	9	12	8	5	7
29	7	7	6	4	5	8	7	10	6	7	4	3	3	3	1	1	1	1	2	3	2	2	3	2	4
30	1	2	4	3	4	5	8	13	6	6	6	3	3	4	3	5	6	2	4	6	4	5	5	5	5
MEAN	4	5	4	5	5	5	6	7	6	6	5	4	4	4	4	4	4	3	4	4	4	4	4	5	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH OCT 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	2	4	4	5	6	7	10	7	9	11	7	8	7	8	9	9	10	10	10	11	17	12	7	8
2	8	10	12	11	9	9	11	13	10	12	9	7	8	9	7	7	6	5	6	5	7	9	9	11	9
3	12	8	4	2	1	1	1	1	1	0	0	0	2	1	1	1	1	1	2	0	1	1	1	1	2
4	4	3	4	7	5	8	9	9	6	6	4	2	2	1	1	1	2	3	3	5	4	4	4	3	4
5	2	2	3	4	4	6	9	8	10	10	6	4	6	6	6	5	5	4	4	5	5	4	4	4	5
6	4	3	4	2	3	5	7	6	4	3	2	2	1	2	2	2	2	1	1	1	2	2	1	1	3
7	1	1	2	2	2	2	3	3	2	2	2	1	1	1	1	3	4	3	2	1	1	1	3	6	2
8	4	3	6	4	4	7	13	14	9	7	5	4	4	2	3	3	4	5	5	5	6	4	5	5	5
9	3	3	4	3	3	2	6	4	5	4	5	5	5	6	5	5	3	4	4	4	5	3	4	3	4
10	4	3	5	4	3	4	8	10	11	13	11	4	2	2	2	2	4	6	4	4	3	2	3	3	5
11	4	5	4	4	5	4	3	5	6	5	3	3	3	1	1	2	1	1	2	4	4	5	3	5	3
12	7	2	3	2	3	3	6	7	7	5	4	3	3	0	1	3	2	3	3	5	4	6	7	6	4
13	6	4	4	7	5	5	8	11	11	12	10	8	10	7	8	6	6	3	6	7	6	6	7	9	7
14	11	15	13	11	11	10	12	13	11	11	9	9	9	10	15	12	11	9	8	8	9	10	8	11	11
15	9	13	12	8	6	8	9	12	16	14	13	11	10	10	12	12	14	14	10	14	18	16	13	12	12
16	12	12	13	13	9	14	10	10	10	7	8	11	9	7	7	5	7	7	8	6	6	4	5	5	9
17	4	3	2	2	1	1	1	1	1	2	1	1	2	2	2	2	4	5	4	4	4	5	5	7	3
18	5	5	5	11	9	9	8	14	12	9	9	11	11	9	11	11	8	10	10	11	11	11	14	11	10
19	15	11	9	8	8	8	7	10	7	6	6	6	6	5	6	5	6	6	9	7	8	9	9	9	8
20	8	9	17	12	14	14	22	25	20	22	17	10	13	9	9	8	9	10	11	11	9	14	12	11	13
21	14	13	17	15	16	16	21	19	20	26	15	13	10	15	11	10	10	9	9	8	8	8	8	10	13
22	10	10	7	6	9	7	11	13	19	17	18	15	11	14	13	10	16	12	11	12	18	13	11	11	12
23	11	10	8	7	8	8	6	5	5	4	6	6	2	3	3	4	5	2	3	4	2	3	2	2	5
24	2	3	3	3	2	3	2	3	3	2	3	3	3	2	2	2	2	5	2	2	2	2	2	2	3
25	2	2	4	3	3	7	5	7	8	10	8	6	6	5	5	7	5	4	3	4	3	3	2	3	5
26	3	2	2	2	1	3	2	2	8	5	3	6	8	6	8	11	8	5	4	6	6	6	6	5	5
27	5	4	5	5	11	10	9	9	10	11	10	6	9	7	9	8	9	7	6	5	7	13	6	6	7
28	6	6	4	5	6	8	13	13	7	3	3	2	9	6	6	5	7	9	12	8	8	13	10	6	8
29	3	2	2	3	5	7	7	11	12	9	5	3	4	4	3	5	6	6	7	9	4	5	5	5	6
30	7	5	8	5	6	5	8	8	17	14	17	15	12	15	12	11	10	8	6	5	3	4	4	3	9
31	4	3	3	2	2	2	2	4	6	12	14	6	7	6	8	7	7	5	3	2	2	2	3	2	5
MEAN	6	6	6	6	6	6	8	9	9	9	8	6	6	6	6	6	6	6	6	6	6	7	6	6	7

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH NOV 71

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	3	3	4	26	9	8	5	7	7	3	3	5	5	6	14	10	14	11	7	4	4	7
2	3	3	2	3	3	5	7	11	9	4	8	2	1	2	1	2	1	2	3	3	3	3	2	3	4
3	3	3	2	3	3	2	6	10	6	5	3	2	2	1	1	1	2	3	3	3	4	3	3	3	3
4	5	3	2	3	3	2	3	5	6	4	2	1	1	1	1	1	2	3	3	2	2	3	4	4	3
5	3	2	3	6	6	7	13	9	5	4	5	7	6	2	3	4	5	4	5	5	4	3	4	4	3
6	3	2	2	3	3	3	3	8	7	6	6	5	5	4	2	2	2	1	1	2	2	3	3	3	3
7	3	0	1	1	1	1	2	2	1	1	2	1	1	0	1	3	2	2	2	2	2	3	3	3	2
8	1	2	2	2	2	2	3	3	3	3	6	3	1	4	4	4	5	11	8	8	6	6	6	6	4
9	6	10	2	1	6	5	5	5	6	8	6	5	4	8	4	6	8	4	9	9	9	6	7	6	6
10	6	5	6	5	6	7	6	7	7	7	3	6	4	7	4	4	4	3	5	7	8	5	4	4	6
11	6	4	3	2	2	3	3	4	5	4	2	2	3	4	2	3	6	5	3	5	4	6	6	9	4
12	6	7	7	6	7	6	9	11	15	13	9	8	5	4	4	5	6	8	5	7	8	11	6	14	8
13	13	9	5	6	5	7	8	6	9	4	5	4	3	2	4	5	3	3	4	2	2	2	3	3	5
14	1	2	2	1	1	2	2	2	1	2	2	2	3	2	2	3	3	3	2	2	2	3	3	2	2
15	2	2	3	4	6	5	6	7	7	9	7	11	7	8	7	8	7	8	7	18	15	14	14	8	8
16	5	4	4	3	3	3	4	2	4	6	6	6	7	7	9	9	13	14	10	8	6	6	9	8	7
17	10	8	8	7	6	5	9	11	10	10	7	8	7	11	9	10	8	10	10	8	8	9	14	10	9
18	14	16	17	14	12	15	11	12	14	16	10	9	11	8	8	8	12	11	7	7	8	7	5	5	11
19	6	6	6	6	7	6	5	6	3	5	3	2	2	2	1	2	2	3	2	2	2	2	2	2	4
20	3	2	3	1	2	3	4	5	5	6	4	3	3	2	7	3	3	4	3	2	4	4	4	4	4
21	4	4	3	5	5	3	4	3	0	2	2	2	2	2	1	2	2	2	1	2	1	1	1	1	2
22	1	1	1	1	0	1	1	2	2	2	2	3	3	3	2	1	1	4	4	2	3	1	4	3	2
23	0	4	5	4	4	5	4	8	9	9	5	5	2	2	2	2	2	4	2	2	5	3	1	4	4
24	4	3	3	1	1	2	2	4	3	4	3	4	4	3	4	4	5	7	5	4	3	4	3	7	4
25	10	7	7	9	5	6	6	6	7	8	7	5	3	4	3	2	4	5	6	7	6	7	7	3	6
26	4	4	5	5	6	7	6	9	9	7	6	5	4	5	5	4	4	5	6	5	6	5	4	4	5
27	4	5	4	6	4	4	4	4	5	6	4	6	5	4	4	4	3	3	3	3	4	4	8	6	4
28	6	4	4	4	2	4	2	1	3	2	2	2	2	2	2	3	3	2	5	3	3	5	3	2	3
29	2	2	3	2	1	2	4	4	6	5	4	3	4	4	4	4	4	4	1	2	2	5	4	3	3
30	3	2	3	5	3	2	2	3	3	3	3	3	3	2	2	2	4	5	2	2	3	3	3	3	3
MEAN	5	4	4	4	4	4	6	6	6	6	5	4	4	4	4	4	4	5	5	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH DEC 71

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	3	2	4	3	5	5	4	4	4	2	2	2	3	4	4	6	0	9	12	7	7	4
2	5	5	5	7	5	12	10	15	10	11	10	5	5	3	3	4	4	4	6	5	6	5	4	3	6
3	3	3	3	3	4	6	4	6	5	6	6	4	4	4	4	4	6	6	5	5	5	5	5	4	5
4	3	3	3	2	4	3	3	4	8	4	2	1	2	1	3	3	3	2	3	2	3	4	5	6	3
5	5	4	4	2	2	2	2	2	1	2	3	3	3	3	3	5	7	4	4	4	11	18	4	5	4
6	2	2	4	4	4	4	4	3	5	4	4	4	2	3	6	4	9	7	6	6	5	6	7	8	5
7	7	10	6	5	6	6	8	9	11	9	5	5	4	5	6	7	5	5	4	4	3	3	3	3	6
8	3	4	3	3	4	4	6	3	6	7	8	6	6	7	8	7	8	6	5	3	3	4	3	4	5
9	4	5	7	5	10	6	5	9	9	9	7	6	6	7	5	6	8	9	9	7	7	8	5	7	7
10	11	10	7	7	6	6	6	9	7	6	8	8	6	6	7	6	8	8	8	7	3	1	2	2	6
11	8	2	2	1	0	0	1	1	2	2	1	2	2	1	1	1	2	3	2	2	3	3	3	3	2
12	4	4	5	3	6	6	6	11	11	11	7	6	5	5	6	6	7	6	5	6	6	7	6	6	2
13	5	3	1	1	1	1	2	3	4	2	3	2	1	3	2	2	2	3	3	3	2	2	2	2	5
14	2	4	4	4	5	5	8	9	13	14	2	2	2	3	4	4	5	4	4	4	4	4	4	4	3
15	2	1	1	2	3	1	4	2	2	3	4	6	4	5	7	7	7	3	2	3	2	2	2	2	3
16	3	2	3	3	2	2	4	4	4	3	3	3	2	3	2	3	3	3	4	3	3	4	3	5	3
17	4	5	4	5	4	3	6	11	7	4	6	6	5	3	2	1	3	3	8	3	2	2	2	2	2
18	3	3	2	2	1	1	1	0	2	2	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2
19	6	8	6	4	2	1	1	2	4	6	1	3	5	6	6	5	4	5	6	5	6	5	4	5	4
20	3	2	2	3	3	3	3	4	5	5	6	5	6	6	6	7	9	8	7	7	6	7	6	6	5
21	6	6	4	4	5	5	6	7	8	7	8	5	3	4	2	3	3	4	3	4	2	1	1	1	4
22	1	0	1	1	1	2	3	4	4	2	2	3	1	2	2	2	3	4	8	9	10	5	5	3	3
23	1	2	1	1	2	5	3	4	3	4	6	4	3	3	2	7	6	5	6	5	6	5	5	5	4
24	6	6	6	6	5	4	4	4	4	4	4	4	4	2	3	2	2	3	2	1	2	1	1	1	3
25	1	1	2	0	1	3	2	2	2	5	2	2	1	2	1	1	2	3	3	2	2	5	4	4	2
26	6	5	2	4	6	7	7	9	8	5	6	5	5	3	2	2	2	2	1	1	2	2	2	2	4
27	2	2	2	2	2	1	2	4	3	0	1	1	1	2	3	3	2	2	3	4	8	10	7	7	3
28	2	2	1	1	2	1	2	2	3	3	2	5	2	2	7	2	3	2	3	2	2	3	2	2	2
29	2	2	3	2	3	3	3	4	3	4	9	4	3	2	3	4	5	5	4	3	3	4	3	3	4
30	4	6	2	1	0	0	0	0	0	1	2	4	2	4	2	5	5	5	5	2	5	4	3	2	3
31	2	3	2	1	2	3	4	4	10	6	7	5	4	3	5	3	5	5	4	2	3	2	4	5	4
MEAN	4	4	3	3	3	4	4	5	5	5	4	4	3	3	4	4	5	4	4	4	4	5	4	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	8	13	23
FEB	28	8	13	29
MAR	31	6	12	27
APR	30	6	15	30
MAY	31	6	13	24
JUN	30	6	11	24
JUL	31	4	9	17
AUG	31	5	9	19
SEP	30	5	11	23
OCT	31	7	13	26
NOV	30	5	11	26
DEC	31	4	7	18
YEAR	365	6	15	30

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	128	461	128	24	3	0	0	744
FEB	140	390	119	18	5	0	0	672
MAR	316	340	62	16	10	0	0	744
APR	345	289	60	17	9	0	0	720
MAY	302	337	83	18	4	0	0	744
JUN	265	342	80	23	3	0	0	713
JUL	456	253	24	1	0	0	0	734
AUG	410	291	34	3	0	0	0	738
SEP	403	278	30	3	2	0	0	716
OCT	284	326	110	19	5	0	0	744
NOV	426	256	31	4	1	0	0	718
DEC	472	257	13	1	0	0	0	743
YEAR	3947	3820	774	147	42	0	0	8730

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99	0	1.3	2.8	4.4	6.4	10.4	12.6	15.3	17.6	30	5.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	1	3	3	1	4	3	6	5	9	4	4
2	3	6	4	2	2	8	2	7	5	5	4	3	4
3	1	2	0	2	5	4	4	2	1	3	2	0	2
4	2	1	1	0	6	2	4	3	4	4	2	1	3
5	0	1	0	4	3	3	0	3	0	1	0	1	1
6	0	0	4	4	4	2	2	1	2	2	2	1	2
7	0	2	4	4	1	3	3	2	5	4	2	1	3
8	2	2	0	0	4	5	3	2	5	4	2	1	3
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21	****	****	****	****	****	0	5	4	2	6	0	3	****
22	2	5	7	7	5	3	2	4	5	4	5	13	5
23	3	11	3	0	0	5	0	2	2	5	0	2	3
24	0	2	3	7	9	0	5	2	5	3	3	7	4
25	7	5	3	7	5	9	3	2	10	5	7	4	6
26	5	6	3	7	3	2	0	2	2	3	0	2	3
27	****	0	3	0	2	2	5	0	2	0	0	8	2
28	2	0	0	0	3	4	4	3	0	2	4	2	2
29	5	2	3	2	3	3	5	2	3	5	3	9	4
30	6	2	2	0	3	1	3	3	2	2	0	3	2
31	3	2	5	2	0	4	0	2	2	5	3	4	3
MEAN	3	3	3	3	3	3	3	3	3	4	3	4	3

PERCENTAGE OF DATA VALID - 58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	0	2	6	3	3	2	3	2	2	2	3
2	2	5	5	2	5	4	3	1	3	4	7	5	4
3	****	****	2	5	5	5	3	3	2	11	5	2	4
4	7	7	4	9	2	8	5	7	7	6	2	7	6
5	6	4	5	3	6	12	6	5	0	6	0	2	5
6	3	4	1	2	3	2	3	2	2	6	3	4	3
7	3	8	1	11	14	15	8	4	4	1	3	3	6
8	2	4	2	3	2	5	2	3	4	2	0	2	3
9	2	0	0	1	2	3	4	1	0	2	3	5	2
10	****	****	5	2	0	6	0	5	5	2	3	3	3
11	7	2	3	7	9	5	9	7	9	4	5	7	6
12	2	2	2	3	11	9	9	9	3	11	12	0	6
13	2	2	0	2	0	0	3	0	0	0	4	1	1
14	0	1	0	0	2	2	2	3	3	0	2	2	1
15	0	4	3	3	4	2	3	4	2	4	2	4	3
16	0	6	7	3	5	6	11	5	2	3	2	3	4
17	2	5	7	3	8	13	6	8	8	7	9	7	7
18	3	7	5	2	5	5	9	2	4	4	4	4	5
19	4	2	5	2	5	4	4	2	0	3	2	2	3
20	3	5	3	4	5	0	7	14	18	13	3	1	6
21	6	0	3	5	4	2	1	0	1	5	2	2	3
22	4	0	2	2	2	3	2	3	2	4	1	2	2
23	2	0	1	6	4	7	4	1	2	8	7	4	4
24	4	5	1	3	3	0	2	2	7	1	7	3	3
25	3	4	2	6	7	6	5	2	3	2	13	6	5
26	11	7	8	7	7	9	9	3	4	7	8	5	7
27	7	5	5	11	0	2	3	2	1	3	0	3	4
28	1	0	0	2	3	0	2	2	0	2	3	3	2
MEAN	3	4	3	4	5	5	5	4	3	4	4	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	3	0	2	3	2	2	0	3	0	4	2
2	2	2	3	9	9	4	2	5	5	2	4	2	4
3	3	0	5	2	0	5	2	3	2	0	1	6	2
4	1	0	0	2	2	2	1	2	3	0	2	2	1
5	0	2	2	0	6	5	4	3	2	3	2	5	3
6	7	7	9	3	3	6	0	4	0	3	3	0	4
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17	****	****	****	****	****	****	****	2	2	3	3	2	****
18	7	2	3	8	11	11	11	5	6	8	6	5	7
19	5	3	7	2	3	7	5	6	5	15	13	7	7
20	7	7	9	7	7	7	3	3	3	5	2	4	5
21	3	1	4	2	0	4	0	2	2	2	3	0	2
22	6	3	3	2	6	5	2	2	3	2	7	0	4
23	3	8	7	7	10	3	5	1	2	5	2	5	5
24	1	2	2	2	4	0	2	3	2	2	2	3	2
25	3	2	5	5	5	5	2	2	2	2	3	3	3
26	6	3	3	3	4	7	3	2	3	3	3	3	4
27	6	10	7	7	9	3	3	2	2	0	3	4	5
28	2	3	2	2	2	5	4	4	4	5	6	13	5
29	6	9	7	8	8	3	2	1	3	2	2	7	5
30	2	2	3	2	3	2	1	3	3	2	5	3	3
31	5	8	11	13	18	7	7	6	3	6	4	5	8
MEAN	4	4	5	4	6	5	3	3	3	3	4	4	4

PERCENTAGE OF DATA VALID - 65

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	5	5	7	6	5	7	5	23	13	7	7
2	6	5	5	3	3	3	2	5	4	2	2	5	4
3	2	5	3	2	6	2	5	0	4	2	2	3	3
4	4	0	4	1	3	3	0	2	2	4	0	3	2
5	7	2	5	5	7	4	3	3	1	8	9	5	5
6	4	3	2	5	2	7	6	0	3	5	9	7	4
7	3	3	2	3	3	3	0	2	2	2	3	3	2
8	1	2	2	3	2	1	5	5	6	6	6	10	4
9	14	12	8	11	10	5	4	5	3	4	3	1	7
10	1	3	1	1	1	0	1	1	2	2	2	3	2
11	6	9	11	16	11	4	3	2	4	6	11	17	8
12	13	13	11	20	14	15	14	15	12	8	15	20	14
13	17	3	14	8	2	3	0	2	3	5	2	3	5
14	0	1	0	5	1	0	4	1	4	2	2	2	2
15	3	3	3	6	4	7	2	0	2	7	7	4	4
16	4	3	2	3	1	1	2	2	2	2	3	2	2
17	4	7	2	1	3	1	3	1	3	3	3	3	3
18	4	3	7	4	1	4	3	1	3	2	3	2	3
19	3	3	2	2	4	9	6	5	6	3	2	3	4
20	3	2	5	5	9	9	6	4	10	11	7	7	7
21	10	2	1	2	1	1	2	1	2	2	1	2	2
22	2	1	1	1	2	2	0	2	2	3	0	2	2
23	2	1	3	3	1	3	1	1	3	2	7	5	3
24	7	6	5	3	2	1	2	1	2	2	0	2	3
25	2	2	1	2	3	3	2	2	2	2	3	2	2
26	1	2	3	2	1	1	2	2	2	2	2	2	2
27	2	2	3	4	1	3	5	3	3	3	1	2	3
28	2	2	4	5	6	6	11	20	27	8	15	6	9
29	3	4	2	3	4	1	2	1	2	3	3	3	3
30	3	2	2	2	0	2	3	2	5	2	6	3	3
MEAN	5	4	4	5	4	4	4	3	4	4	5	5	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH MAY 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	7	7	12	6	8	4	3	5	7	****	4	6
2	3	7	5	5	5	2	3	6	3	2	4	0	4
3	3	0	5	2	2	0	3	2	3	1	0	2	2
4	0	2	2	3	2	0	2	6	0	0	3	3	2
5	1	2	12	6	10	7	3	5	2	6	5	9	6
6	4	2	4	4	2	2	6	4	3	0	8	0	3
7	4	4	4	9	15	5	4	2	2	0	5	4	5
8	4	2	0	2	2	5	1	4	2	0	5	7	4
9	8	11	12	5	5	3	4	4	0	5	7	4	6
10	6	9	5	7	5	2	6	5	3	6	3	11	6
11	10	3	8	15	12	4	8	8	8	7	7	5	8
12	14	6	2	8	5	6	1	0	3	0	3	1	4
13	0	3	2	3	2	3	6	4	5	2	2	4	3
14	0	2	1	2	2	3	****	4	2	0	7	8	3
15	10	10	11	10	6	3	8	8	3	6	10	0	7
16	4	6	3	5	5	4	6	6	3	2	7	0	4
17	1	3	2	0	3	2	2	1	6	3	4	7	3
18	6	8	5	7	9	11	5	10	8	2	7	7	7
19	8	9	10	10	7	9	3	4	3	8	11	8	8
20	4	0	9	3	2	5	3	5	4	3	2	3	4
21	2	7	4	7	2	2	2	2	2	1	3	2	3
22	2	0	1	2	2	2	4	0	0	3	3	2	2
23	0	0	2	1	0	2	1	0	1	7	4	2	2
24	2	0	2	0	2	1	2	0	1	2	3	2	1
25	6	6	4	10	7	2	1	0	5	0	5	3	4
26	0	0	2	4	4	0	3	1	2	4	1	4	2
27	2	1	2	2	3	2	4	2	2	7	0	10	3
28	0	6	5	2	10	****	6	2	2	3	2	4	4
29	9	3	5	9	3	3	1	4	0	2	4	6	4
30	10	8	3	14	9	2	2	0	6	1	0	5	5
31	2	5	2	1	1	8	2	4	2	0	2	2	3
MEAN	4	4	5	5	5	4	4	3	3	3	4	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH JUN 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	5	5	3	4	6	2	2	2	3	3
2	0	4	2	7	4	5	2	8	18	10	14	5	7
3	6	7	8	4	5	2	0	6	2	3	2	6	4
4	5	4	11	5	5	2	7	0	0	2	2	4	4
5	3	2	2	3	0	2	3	2	4	2	6	2	3
6	2	2	0	5	2	6	7	7	6	2	7	6	4
7	6	6	2	5	3	4	5	6	3	6	2	1	4
8	6	12	4	12	5	1	3	2	2	0	2	2	4
9	2	2	0	2	1	0	2	0	1	6	3	4	2
10	2	0	1	3	1	3	2	6	2	1	5	3	2
11	3	3	5	3	0	1	5	3	2	2	6	4	3
12	5	3	14	11	5	8	3	3	5	5	12	12	7
13	16	12	7	5	4	1	4	3	6	9	11	6	7
14	11	5	4	6	6	5	2	7	5	1	0	0	4
15	6	3	5	4	2	4	2	2	2	0	5	2	3
16	2	3	1	4	2	2	4	8	3	2	2	9	4
17	5	5	14	12	5	7	3	****	2	9	4	5	6
18	6	10	8	16	13	11	13	2	6	3	5	11	9
19	10	14	4	12	6	9	8	6	7	4	4	6	8
20	5	5	3	3	6	4	2	5	2	0	7	4	4
21	2	2	3	2	4	2	2	0	3	0	0	5	2
22	0	2	0	0	0	3	1	2	1	0	4	6	2
23	7	6	7	2	5	3	0	7	2	2	5	2	4
24	6	3	2	2	3	2	3	2	4	2	5	0	3
25	3	0	2	6	2	1	3	2	11	2	3	0	3
26	0	0	2	0	0	3	2	2	5	0	3	2	2
27	2	2	3	3	5	2	3	9	3	2	4	6	4
28	1	0	0	2	0	5	0	1	0	2	2	0	1
29	7	1	7	2	0	5	0	2	5	5	3	8	4
30	0	8	7	9	7	7	7	3	5	2	5	1	5
MEAN	4	4	4	5	4	4	3	4	4	3	5	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	6	0	2	3	2	4	0	3	3	2	0	2
2	0	0	0	2	0	2	1	1	3	0	4	0	1
3	0	3	2	0	3	3	0	1	5	3	0	1	2
4	8	1	4	3	1	3	3	1	1	4	4	4	3
5	9	7	5	11	6	8	4	3	3	4	7	7	6
6	3	0	0	9	0	2	3	2	1	0	0	5	2
7	1	2	3	7	11	3	0	3	1	1	7	4	4
8	7	1	5	12	11	5	6	5	4	5	7	3	6
9	1	3	0	4	2	0	0	2	2	3	7	4	2
10	3	3	1	4	3	2	3	6	2	2	0	5	3
11	0	2	2	3	0	2	1	1	0	1	3	0	1
12	0	2	3	3	4	3	2	6	2	3	0	1	2
13	1	6	4	2	8	7	2	2	6	2	3	3	4
14	1	1	3	0	0	0	0	2	4	0	2	2	1
15	0	3	6	10	5	8	3	3	4	4	5	2	4
16	2	5	2	8	2	4	2	2	4	4	5	2	4
17							- DATA MISSING -	-	****	****	****	****	****
18							- DATA MISSING -	-					
19	****	****	****	****	****	0	3	3	3	0	0	0	****
20	3	3	2	5	0	7	2	1	2	5	5	3	3
21	0	5	3	3	9	3	3	2	3	1	3	3	3
22	0	5	6	5	6	4	7	4	5	7	3	4	5
23	5	3	7	7	7	5	2	6	2	2	5	1	4
24	5	8	3	12	4	2	2	4	2	2	0	3	4
25	7	3	0	5	5	3	7	7	2	0	4	2	4
26	7	5	3	3	7	2	3	3	3	1	0	3	3
27	0	0	0	0	3	0	0	2	0	5	2	0	1
28	3	2	2	5	5	3	2	5	0	9	5	0	3
29	2	5	5	5	19	8	3	8	5	3	3	0	6
30							- DATA MISSING -	-					
31							- DATA MISSING -	-					
MEAN	3	3	3	5	5	3	3	3	3	3	3	2	3

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -	-					
2	9	****	****	****	****	****	0	1	2	2	5	0	****
3	2	0	0	2	0	2	0	3	0	0	2	7	2
4	0	0	0	0	2	1	****	****	****	****	****	****	****
5							- DATA MISSING -	-					
6							- DATA MISSING -	-					
7							- DATA MISSING -	-					
8							- DATA MISSING -	-					
9							- DATA MISSING -	-					
10							- DATA MISSING -	-					
11							- DATA MISSING -	-					
12							- DATA MISSING -	-					
13							- DATA MISSING -	-					
14							- DATA MISSING -	-					
15							- DATA MISSING -	-					
16							- DATA MISSING -	-					
17							- DATA MISSING -	-					
18							- DATA MISSING -	-					
19							- DATA MISSING -	-					
20							- DATA MISSING -	-					
21							- DATA MISSING -	-					
22							- DATA MISSING -	-					
23							- DATA MISSING -	-					
24	****	****	****	****	****	****	0	0	3	3	0	4	****
25	2	6	4	6	2	7	8	3	2	4	4	4	4
26	3	5	4	2	2	5	3	9	11	7	2	2	5
27	0	2	2	3	****	4	5	2	1	4	1	0	2
28	0	2	1	0	2	4	2	2	4	2	4	2	2
29	2	4	2	5	3	2	2	2	2	2	6	4	3
30	4	2	7	3	6	5	3	3	0	2	2	2	3
31	1	2	1	2	2	2	0	0	2	2	2	4	2
MEAN	2	3	2	3	2	4	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 30

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	7	1	6	1	1	0	2	0	2	2	2	2
2	8	9	7	12	1	8	6	5	9	6	2	5	7
3	8	5	5	12	1	3	3	3	3	0	12	12	6
4	2	4	0	7	1	0	3	3	5	3	2	2	3
5	3	2	2	5	2	0	6	4	1	7	3	3	3
6	4	3	4	6	2	3	3	5	7	3	2	3	4
7	1	6	***	***	***	2	1	2	1	4	5	5	3
8	3	6	5	6	3	5	2	0	4	2	5	0	3
9	1	0	0	1	3	2	1	3	4	2	2	6	3
10	7	0	5	1	6	6	0	0	2	2	3	2	3
11	0	8	5	8	6	2	2	4	1	2	0	1	3
12	2	3	1	0	3	2	2	0	0	4	0	1	2
13	4	0	1	0	3	2	0	4	5	0	1	2	2
14	2	3	2	5	***	***	***	***	***	***	***	***	***
15							DATA MISSING	DATA MISSING					
16							DATA MISSING	DATA MISSING					
17	***	***	***	3	2	2	0	3	2	2	3	3	2
18	0	3	3	5	1	0	0	0	2	4	0	3	2
19	0	3	0	2	0	1	0	5	0	3	3	2	2
20	4	3	6	7	5	1	2	5	0	3	0	3	4
21	0	2	0	6	3	0	2	0	5	3	1	2	2
22	11	7	11	17	***	3	3	0	2	7	2	2	6
23	1	2	5	2	5	7	0	2	5	2	0	3	3
24	2	3	2	7	3	3	0	3	2	3	3	0	3
25	0	2	2	5	6	0	3	9	0	0	0	5	3
26	0	0	0	2	4	2	5	1	0	3	3	5	2
27	2	3	5	3	2	3	***	2	2	5	5	0	3
28	4	0	2	5	0	4	3	7	7	1	4	5	4
29	4	2	7	4	3	3	0	0	3	4	0	0	3
30	3	0	7	7	4	3	7	2	7	1	2	3	4
MEAN	3	3	3	5	4	3	2	3	3	3	2	3	3

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	2	5	5	5	3	5	7	9	7	6	5
2	8	5	3	13	6	7	2	8	2	4	5	5	6
3	7	1	0	2	0	2	0	2	2	0	1	3	2
4	0	3	5	2	7	2	0	3	3	3	0	3	3
5	4	0	4	3	3	3	2	4	4	2	5	1	3
6	3	2	3	7	0	2	2	0	2	3	3	0	2
7	3	2	3	7	0	2	2	1	7	2	0	3	3
8	0	5	5	8	8	2	2	***	2	2	5	6	4
9	3	4	0	4	2	4	4	4	2	0	2	1	3
10	2	6	3	6	6	2	0	3	3	2	4	3	3
11	2	2	0	2	2	5	2	1	1	2	3	1	2
12	2	2	9	2	3	3	***	0	0	3	3	2	3
13	4	5	6	6	7	9	6	8	7	4	3	3	6
14	9	11	11	12	11	2	3	3	10	9	7	8	7
15	16	9	7	8	12	***	9	5	7	7	12	13	10
16	15	11	12	11	3	12	7	2	4	10	3	8	8
17	7	3	2	2	***	2	2	3	3	4	9	3	4
18	4	7	10	5	0	7	6	10	9	9	8	9	7
19	10	4	7	5	0	7	8	5	2	7	7	5	5
20	2	8	16	18	15	12	7	7	9	9	2	12	10
21	4	9	11	9	16	9	4	7	7	7	5	11	8
22	9	3	0	9	13	11	***	3	17	9	7	12	8
23	7	2	7	3	1	1	3	3	2	3	2	0	3
24	4	2	4	0	1	2	6	2	5	0	4	2	3
25	4	4	2	3	5	2	3	3	2	3	2	0	3
26	4	0	3	0	2	3	2	6	4	5	7	9	4
27	5	9	5	6	9	8	5	4	3	4	4	4	6
28	9	4	4	3	3	***	3	3	6	10	7	4	6
29	0	1	2	7	3	2	2	1	5	2	1	4	3
30	7	1	2	4	7	9	12	9	7	4	2	5	6
31	2	0	3	0	10	3	6	3	7	2	2	2	3
MEAN	5	4	5	6	6	5	4	4	5	4	4	5	5

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	8	2	22	4	1	0	0	7	12	12	0	6
2	2	2	5	5	6	2	3	***	1	0	0	1	2
3	2	5	2	4	2	4	0	2	2	7	4	1	3
4	3	6	2	3	1	0	0	1	0	0	4	1	2
5	7	9	4	5	4	5	2	***	5	3	2	4	5
6	1	3	6	3	2	4	5	0	2	2	3	2	3
7	2	2	2	1	2	0	1	7	0	0	1	2	2
8	3	0	1	2	3	0	2	4	2	8	3	7	3
9	8	3	0	0	4	2	4	1	4	7	7	3	4
10	5	4	3	3	8	4	3	0	3	2	1	4	3
11	2	3	3	2	4	3	2	5	3	5	7	3	4
12	8	7	9	10	12	14	***	6	7	7	12	3	9
13	9	6	3	9	2	2	1	2	4	7	2	2	8
14	0	4	0	2	3	0	2	2	3	4	2	1	2
15	7	2	2	8	5	8	10	6	10	12	12	11	6
16	3	1	5	1	4	7	6	7	12	9	7	6	6
17	2	6	2	6	5	10	7	6	***	7	11	10	7
18	14	10	11	12	14	8	10	11	4	8	11	3	9
19	8	2	4	3	5	2	0	1	5	5	2	0	3
20	4	2	2	4	8	0	2	0	3	7	9	3	4
21	5	5	2	2	3	0	2	2	0	***	***	***	2
22	***	***	***	***	***	***	***	***	***	3	3	3	***
23	3	4	2	7	5	5	2	2	3	3	2	3	3
24	3	3	2	5	2	2	3	3	3	2	5	3	3
25	5	7	5	5	9	3	3	7	5	5	5	5	5
26	0	5	5	7	7	2	5	5	5	5	3	2	4
27	3	3	5	3	5	6	2	3	2	3	2	5	4
28	3	2	0	2	3	2	2	3	2	4	2	3	2
29	2	2	3	0	5	0	2	2	5	4	2	2	2
30	3	0	2	2	3	0	0	3	2	2	3	3	2
MEAN	4	4	3	5	5	3	3	3	4	5	5	3	4

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	3	3	7	2	2	5	3	5	9	6	4
2	2	3	3	11	5	9	3	2	5	5	5	2	5
3	4	3	5	3	6	4	3	***	4	1	2	3	3
4	0	4	0	2	0	3	2	0	0	5	0	8	2
5	6	0	2	0	3	1	1	2	7	0	9	0	3
6	2	3	5	3	2	3	5	3	12	7	5	7	5
7	2	7	6	7	2	4	4	2	0	2	2	5	4
8	3	3	1	0	3	2	6	7	5	0	1	5	3
9	2	7	3	5	6	6	11	5	3	6	5	3	5
10	9	5	5	2	7	0	2	3	4	7	1	2	4
11	0	4	0	2	4	0	0	0	3	***	0	3	1
12	2	3	5	3	11	7	6	2	3	5	5	6	5
13	2	3	0	1	3	1	2	2	2	2	7	3	2
14	3	3	5	5	6	7	6	4	4	3	5	2	4
15	4	6	1	0	0	6	3	11	5	7	2	3	4
16	5	3	2	6	2	2	2	4	2	5	2	0	3
17	5	0	5	1	2	7	6	2	0	0	0	3	3
18	3	4	0	2	1	2	0	3	2	0	5	2	2
19	2	5	6	3	2	2	5	0	5	3	5	4	4
20	4	2	5	3	3	6	2	2	9	3	3	7	4
21	5	5	7	5	6	11	3	2	1	5	3	3	5
22	6	0	1	0	5	3	1	0	5	2	6	8	3
23	0	2	0	3	12	5	7	5	5	8	6	3	5
24	2	3	2	2	3	5	4	2	0	3	3	2	3
25	0	5	0	1	0	0	0	3	3	2	7	0	2
26	3	7	3	7	3	7	5	2	3	2	5	5	4
27	0	0	6	0	3	1	0	7	0	0	3	5	2
28	5	2	0	3	3	5	0	4	2	0	4	4	2
29	0	3	2	2	5	2	3	2	3	7	0	3	3
30	2	3	2	0	3	2	0	0	3	0	0	0	1
31	7	1	2	6	2	3	2	2	2	9	2	0	3
MEAN	3	3	3	3	4	4	3	3	3	4	3	4	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - UNIVERSITY OF TORONTO

NO 31002

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	19	3	6	13
FEB	28	4	7	18
MAR	21	4	8	18
APR	30	4	14	27
MAY	31	4	8	15
JUN	30	4	9	18
JUL	27	3	6	19
AUG	11	3	5	11
SEP	28	3	7	17
OCT	31	5	10	18
NOV	30	4	9	22
DEC	31	3	5	12
YEAR	317	4	14	27

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	167	47	2	0	0	0	0	216
FEB	218	97	15	1	0	0	0	331
MAR	160	75	8	1	0	0	0	244
APR	252	77	20	6	2	0	0	357
MAY	237	119	13	0	0	0	0	369
JUN	221	115	20	3	0	0	0	359
JUL	231	77	5	1	0	0	0	314
AUG	96	17	1	0	0	0	0	114
SEP	233	80	6	1	0	0	0	320
OCT	214	125	22	5	0	0	0	366
NOV	227	101	15	0	1	0	0	344
DEC	250	113	7	0	0	0	0	370
YEAR	2506	1043	134	18	3	0	0	3704

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
84	0	0.5	1.5	2.5	4.2	7.1	9.2	11.7	13.6	27	3.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	3	3	4	4	4	5	2	4	5	4	3
2	3	9	7	6	3	4	3	4	4	4	0	6	4
3	3	0	2	2	2	5	2	0	2	0	2	2	2
4	4	6	2	6	5	4	2	5	7	4	2	2	4
5	2	2	1	2	5	1	2	2	3	2	4	3	2
6	3	0	0	2	2	0	7	1	0	2	4	1	2
7	4	6	2	2	6	4	4	3	2	2	2	4	3
8	2	2	3	5	6	6	***	7	4	5	7	12	5
9	13	12	8	6	7	3	7	0	5	7	5	3	6
10	7	12	7	11	10	5	3	3	5	7	5	9	7
11	2	4	3	4	9	11	7	4	4	9	7	5	6
12	5	3	0	2	2	5	5	4	3	7	7	4	4
13	3	3	4	4	3	5	3	2	6	5	2	3	4
14	2	5	2	3	3	8	11	3	5	9	5	2	5
15	****	****	3	0	2	2	2	4	2	7	4	5	3
16	2	2	3	1	3	8	7	5	2	9	9	13	5
17	5	7	9	10	5	9	1	2	1	5	2	3	5
18	5	0	2	4	2	5	1	5	3	9	3	3	5
19	5	3	2	3	5	7	4	2	3	5	7	5	4
20	3	2	5	3	6	7	3	5	3	9	5	4	5
21	****	****	5	5	2	5	5	3	7	7	7	2	5
22	2	2	4	7	4	9	4	5	5	9	3	7	5
23	11	11	4	9	2	2	2	2	4	3	5	5	5
24	3	5	5	3	5	7	7	2	3	5	5	5	5
25	5	7	5	3	6	13	7	5	5	7	3	10	6
26	7	13	9	3	7	2	3	5	2	1	5	3	5
27	3	0	3	0	6	0	2	2	2	4	2	4	2
28	****	****	****	****	****	****	8	4	2	4	2	2	****
29	3	4	2	0	5	5	5	6	2	4	3	4	4
30	7	7	1	4	3	2	2	1	2	3	2	3	3
31	2	3	3	2	1	4	2	2	4	3	3	3	3
MEAN	4	5	4	4	4	5	4	3	3	5	4	5	4

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	4	2	3	4	3	2	4	2	3	3	3
2	5	2	6	8	5	0	4	3	2	2	2	8	4
3	8	5	8	8	9	10	11	8	5	5	9	4	8
4	5	7	2	6	6	7	4	5	9	5	3	2	5
5	2	2	6	9	6	7	2	3	3	3	2	4	4
6	3	3	3	4	4	4	3	1	3	2	3	3	3
7	6	4	4	10	14	6	5	2	5	4	5	2	6
8	6	5	7	2	5	3	4	5	2	4	2	3	4
9	3	3	2	2	3	2	2	2	2	3	2	****	2
10	****	****	2	5	4	3	2	3	3	2	3	6	3
11	5	3	3	2	4	5	5	5	6	7	6	10	5
12	5	4	7	9	7	10	5	3	3	10	7	6	7
13	2	2	3	0	0	4	1	3	2	2	2	2	2
14	2	2	0	2	1	1	2	3	2	3	2	3	2
15	3	3	2	5	3	4	6	3	2	3	4	4	4
16	2	4	3	3	3	10	11	5	7	3	3	5	5
17	3	4	5	3	7	6	6	6	7	6	3	7	5
18	5	3	3	2	7	3	3	4	4	2	5	4	4
19	5	2	3	4	5	2	2	2	3	4	2	4	3
20	1	2	2	4	2	2	6	11	15	7	3	3	5
21	2	2	2	1	2	2	2	2	2	3	2	0	2
22	3	2	5	7	5	4	2	3	2	2	1	0	3
23	6	2	0	5	4	****	****	****	****	****	****	****	****
24	****	****	****	****	****	****	0	3	5	4	3	3	****
25	4	7	5	5	8	4	2	2	3	3	2	9	5
26	11	11	5	11	10	5	5	7	7	4	8	5	8
27	9	7	7	3	1	2	0	2	0	3	2	5	3
28	2	0	2	3	0	2	0	3	0	0	3	0	1
MEAN	4	4	4	5	5	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	2	2	5	0	2	0	1	3	1	0	2
2	0	2	0	9	9	7	1	3	2	2	5	1	3
3	3	3	2	5	5	0	2	5	2	2	4	4	3
4	2	2	3	0	3	0	2	0	3	0	2	2	3
5	2	2	2	5	3	3	1	4	3	5	4	5	3
6	3	6	5	11	6	3	3	3	1	3	0	3	4
7	2	5	2	5	0	0	3	1	0	3	0	2	2
8	5	1	1	0	0	4	0	0	2	2	1	2	2
9	0	2	2	1	3	0	5	0	2	0	5	4	2
10	2	5	7	15	11	3	***	2	2	2	5	2	5
11	1	2	2	2	4	3	3	3	0	3	3	4	2
12	5	3	9	15	8	3	2	2	3	0	3	7	5
13	3	7	0	3	5	2	3	3	5	4	7	4	4
14	5	7	12	5	2	2	3	5	3	3	7	11	5
15	5	4	5	2	3	3	3	3	0	2	0	0	3
16	2	3	2	3	0	2	2	5	0	0	3	0	3
17	3	0	2	2	5	***	0	3	2	2	0	2	2
18	1	8	4	11	8	7	6	4	0	6	7	4	6
19	4	2	3	3	8	6	6	5	3	6	6	4	5
20	1	1	5	4	5	7	3	0	5	3	1	1	3
21	0	2	5	1	3	2	2	0	0	2	3	2	2
22	4	2	5	2	2	3	1	2	1	5	3	2	3
23	2	6	2	5	8	3	2	2	2	6	2	2	4
24	2	2	1	1	2	4	0	2	1	2	2	3	2
25	3	7	4	3	4	6	2	1	2	2	1	2	3
26	1	3	4	5	4	3	2	1	2	2	3	4	3
27	3	5	7	3	5	2	2	2	3	3	4	3	3
28	2	4	1	3	3	2	3	1	3	2	9	3	3
29	2	7	3	5	2	3	2	1	0	3	0	2	3
30	1	1	1	3	3	2	0	1	2	4	6	3	2
31	3	8	11	12	21	2	3	1	3	5	4	4	6
MEAN	2	4	4	5	5	3	2	2	2	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	11	4	1	1	3	2	3	5	7	10	3	3	4
2	2	2	2	2	3	2	3	3	1	6	3	1	3
3	0	1	0	2	3	2	1	1	0	1	3	2	1
4	2	4	2	1	0	3	2	0	1	1	2	2	2
5	2	2	6	7	8	2	6	5	3	1	7	3	4
6	4	1	0	3	7	1	3	***	2	5	3	2	3
7	2	3	2	8	9	7	4	3	3	3	1	2	3
8	7	8	7	8	9	6	5	4	5	3	5	2	6
9	1	1	2	2	2	4	1	0	1	2	3	2	2
10	3	8	8	13	5	4	2	4	3	4	10	17	7
11	13	14	12	18	12	8	13	11	11	12	8	14	12
12	10	5	14	7	2	2	1	2	5	2	3	2	5
13	1	0	0	3	3	1	2	1	3	2	1	1	2
14	2	1	3	0	3	1	***	***	3	2	2	3	2
15	4	2	3	7	3	1	0	3	4	2	2	2	2
16	4	2	1	2	2	1	3	2	2	1	3	3	2
17	5	3	4	2	2	1	0	1	3	2	2	2	2
18	3	3	7	5	5	3	2	3	2	3	2	2	3
19	3	2	2	5	2	6	7	2	3	3	2	2	3
20	3	2	5	11	11	7	7	5	5	8	5	5	6
21	4	8	3	1	2	2	0	2	2	3	1	2	3
22	2	2	3	0	2	2	2	2	4	0	3	5	2
23	2	3	2	2	2	1	2	1	2	1	4	4	2
24	4	3	5	3	3	1	2	0	2	0	6	2	2
25	3	2	4	4	2	3	2	1	0	3	1	2	3
26	2	0	3	2	3	4	2	3	1	0	2	0	2
27	4	1	3	6	7	5	2	2	6	3	3	3	4
28	1	3	2	5	5	8	7	7	6	22	18	10	8
29	11	4	4	5	2	6	3	2	1	2	3	9	4
30	4	2	3	7	5	2	5	4	3	7	2	4	4
MEAN	4	3	4	5	4	3	3	3	3	4	4	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	7	9	14	5	7	4	2	3	2	2	5	5
2	2	4	6	3	3	0	6	5	3	6	2	1	3
3	3	5	5	5	4	0	2	2	0	3	2	0	3
4	0	0	0	3	2	0	4	2	1	2	6	3	2
5	3	2	15	8	9	5	2	6	7	3	6	11	6
6	6	3	2	5	5	3	2	5	3	5	2	2	4
7	3	5	4	8	9	3	3	1	4	6	2	3	4
8	4	2	1	2	4	3	2	3	2	1	4	5	3
9	8	10	12	2	5	3	3	2	2	4	4	3	5
10	6	7	5	6	2	3	4	4	1	3	3	6	4
11	6	6	12	17	5	6	5	7	8	6	7	7	8
12	11	8	5	9	2	4	5	1	0	2	2	2	4
13	2	2	2	5	2	2	3	2	3	3	3	2	3
14	2	1	4	3	2	1	3	****	1	3	2	3	2
15	8	7	9	3	2	0	3	5	2	3	6	5	4
16	2	3	4	3	4	2	5	4	2	0	0	0	2
17	3	1	1	3	2	2	2	2	2	0	5	7	3
18	9	3	3	6	6	7	7	5	2	0	2	3	4
19	9	7	9	8	6	8	7	3	2	10	9	8	7
20	2	2	3	7	12	2	7	2	3	1	2	3	4
21	2	2	5	5	1	7	****	2	2	1	1	0	3
22	2	4	0	1	2	2	2	1	0	1	0	6	2
23	0	2	0	4	3	6	4	3	0	0	6	4	2
24	4	0	0	0	3	1	2	0	3	2	2	1	2
25	5	14	12	9	8	3	2	2	2	5	4	2	6
26	7	2	4	1	0	0	2	2	2	0	0	2	2
27	2	0	4	5	2	3	0	2	2	6	6	3	3
28	6	0	4	8	10	8	2	2	3	3	2	9	5
29	11	4	12	15	6	2	1	2	3	2	6	9	6
30	16	9	3	10	6	5	3	5	4	0	2	4	6
31	2	3	0	3	1	5	3	3	6	2	2	1	3
MEAN	5	4	5	6	4	3	3	3	2	3	3	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	6	1	7	4	3	0	8	4	2	2	2	3
2	1	2	4	4	2	3	4	11	26	16	8	6	7
3	10	11	8	12	4	9	7	4	2	2	2	8	7
4	5	5	9	12	12	6	3	3	6	2	6	5	6
5	3	2	2	0	3	0	3	0	2	5	3	4	2
6	2	4	2	2	1	3	3	8	6	2	4	3	3
7	2	2	4	11	4	****	5	3	5	2	5	0	4
8	2	3	5	6	9	2	2	2	2	1	2	1	3
9	3	0	3	2	2	4	0	2	4	2	5	2	2
10	2	2	3	2	2	2	2	3	2	1	4	7	3
11	5	3	3	5	6	2	2	2	2	5	2	4	3
12	5	6	7	6	6	8	11	7	2	5	14	13	8
13	12	12	4	7	3	2	4	4	3	4	6	6	6
14	8	5	6	8	4	2	4	3	0	2	2	0	4
15	3	2	1	4	4	4	2	1	3	1	2	2	2
16	2	1	2	4	5	****	7	4	4	4	3	5	4
17	4	9	6	9	11	5	6	0	8	3	3	4	6
18	9	14	8	13	10	12	5	6	4	5	2	0	7
19	9	7	10	8	7	7	7	8	3	9	2	3	7
20	7	5	5	2	3	9	3	2	1	5	2	2	4
21	0	8	7	2	2	2	****	0	0	1	1	2	2
22	0	3	3	2	2	0	2	2	2	2	3	3	2
23	2	5	7	11	6	3	2	4	2	0	3	2	4
24	3	2	4	4	2	3	4	3	2	3	2	2	3
25	2	0	2	2	5	3	4	5	6	3	2	2	3
26	2	4	2	2	2	4	0	1	1	2	2	1	2
27	2	7	2	4	3	2	2	2	3	2	4	2	3
28	2	2	2	1	4	1	2	2	1	0	3	2	2
29	2	8	2	4	1	1	0	5	0	0	2	0	2
30	0	3	2	7	5	5	5	5	3	5	3	3	4
MEAN	4	5	4	5	4	4	3	4	4	3	3	3	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - CITY HALL TORONTO							NO 31003						
							MONTH JUL 71						
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	2	2	7	3	2	2	2	0	3	0	0	2
2	0	2	0	0	0	0	0	2	0	0	1	0	0
3	2	0	3	2	0	0	0	2	1	0	3	2	2
4	7	2	2	3	2	2	0	2	3	0	3	3	3
5	11	9	6	3	2	3	5	2	7	3	5	2	3
6	3	0	0	5	2	2	2	1	2	3	5	3	5
7	3	1	6	9	2	2	2	2	0	4	2	1	2
8	8	5	3	6	3	4	8	3	3	3	0	5	5
9	2	0	2	2	2	2	2	0	0	2	5	2	2
10	1	2	0	2	3	2	3	3	2	2	1	0	2
11	0	0	0	****	****	****	****	****	****	****	****	****	****
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15	****	****	****	****	****	****	****	****	****	****	****	****	****
16	0	2	5	6	3	3	5	0	2	4	3	5	****
17	3	4	0	2	0	0	3	2	1	2	5	0	3
18	2	3	1	2	0	2	2	0	2	2	0	0	1
19	0	2	2	3	5	2	1	0	4	0	0	3	1
20	0	3	2	5	7	3	2	5	2	6	3	2	2
21	3	2	2	11	7	2	5	0	2	2	2	3	3
22	2	4	3	5	11	5	7	2	4	5	2	3	4
23	0	5	3	8	6	5	7	3	2	2	4	3	4
24	3	3	5	10	3	3	0	1	0	2	3	0	3
25	6	3	4	6	3	4	7	0	2	0	0	0	3
26	3	1	3	1	2	3	2	3	5	2	3	4	3
27	0	3	0	1	2	2	2	2	1	0	3	0	1
28	0	2	3	6	2	0	5	2	2	7	0	0	2
29	3	4	4	3	12	5	2	5	0	7	2	0	4
30	4	3	3	5	1	4	0	5	2	3	3	3	3
31	0	3	0	2	2	2	5	3	2	2	2	0	2
MEAN	3	3	2	5	3	2	3	2	2	2	3	2	3

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - CITY HALL TORONTO							NO 31003						
							MONTH AUG 71						
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	7	1	5	3	3	0	2	1	5	0	2	2
2	5	2	5	6	2	6	2	3	3	2	3	3	4
3	3	4	2	5	2	0	3	0	3	0	2	0	2
4	3	0	4	2	3	0	2	2	1	2	0	7	2
5	2	0	7	2	2	0	5	1	3	0	0	2	2
6	0	4	5	2	0	0	5	1	2	3	0	2	2
7	2	2	3	2	2	2	5	5	0	0	5	1	2
8	0	1	0	0	3	4	2	2	7	0	2	5	3
9	2	0	5	3	3	7	8	6	8	6	2	5	5
10	3	5	3	7	2	8	3	4	2	5	1	0	4
11	2	1	4	2	0	3	0	3	0	0	0	5	2
12	1	3	0	2	2	2	3	2	3	3	0	4	2
13	0	3	1	5	2	8	1	3	3	2	4	8	3
14	3	0	4	2	5	3	2	3	3	0	2	1	2
15	2	2	0	2	2	0	2	0	3	0	2	3	1
16	3	0	5	3	0	0	2	0	2	0	3	0	1
17	2	3	9	5	5	7	7	0	1	0	0	3	2
18	****	****	****	****	****	3	5	2	0	11	0	3	5
19	9	6	6	12	5	4	4	3	6	8	8	2	****
20	3	5	4	6	7	4	1	0	0	2	2	2	5
21	2	0	2	4	4	2	0	1	1	2	2	4	2
22	3	2	3	2	2	2	2	1	1	1	0	2	2
23	0	0	2	0	0	1	4	0	3	1	3	0	1
24	1	1	2	4	2	1	2	0	0	2	0	4	2
25	2	7	4	2	****	0	7	3	3	2	3	2	3
26	0	2	0	2	1	2	2	3	3	2	0	2	2
27	0	0	2	2	2	0	0	5	0	2	0	2	1
28	0	2	2	2	2	3	3	0	0	3	2	2	2
29	2	0	2	3	2	3	2	0	2	0	2	2	2
30	3	0	5	2	3	0	2	2	0	0	3	0	2
31	2	2	0	0	5	0	2	0	2	0	5	5	2
MEAN	2	2	3	3	3	3	3	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	4	0	2	0	3	0	2	0	3	2
2	0	3	0	4	6	5	11	8	4	7	4	9	5
3	5	5	13	11	5	3	5	3	8	5	6	2	5
4	4	5	5	9	5	3	6	7	3	4	3	2	5
5	9	0	2	7	5	5	9	4	3	6	3	2	5
6	9	11	2	5	5	2	7	4	2	3	2	3	4
7	0	2	5	0	4	3	7	2	5	3	4	4	5
8	5	5	5	14	7	2	9	3	2	11	5	5	4
9	0	5	2	11	2	3	6	3	2	7	7	6	5
10	0	5	8	1	5	0	0	2	0	2	2	7	3
11	4	9	11	13	6	3	2	2	2	1	0	3	5
12	11	2	3	2	0	3	2	0	5	5	0	3	3
13	7	3	5	5	2	2	2	3	0	7	5	0	3
14	3	0	5	3	5	2	3	3	7	5	2	6	4
15	3	7	2	2	11	3	3	2	5	2	2	0	4
16	3	0	5	2	11	0	3	3	3	5	10	3	4
17	7	3	2	2	7	7	0	3	0	7	0	2	3
18	7	5	2	5	7	2	2	5	0	4	0	0	3
19	3	0	0	5	2	4	4	0	1	5	7	7	3
20	5	3	7	8	2	4	4	3	1	0	5	0	4
21	2	0	2	3	11	3	2	4	0	0	0	2	2
22	13	14	8	17	15	5	3	3	2	2	5	2	7
23	0	0	3	2	6	5	7	5	1	3	0	2	3
24	2	2	0	6	2	3	3	2	3	3	11	0	3
25	5	0	3	2	9	2	4	2	1	2	0	2	3
26	6	0	0	3	0	5	0	3	0	7	1	6	3
27	9	5	3	5	2	10	5	0	2	0	5	3	4
28	9	3	4	3	3	3	11	3	7	6	7	3	5
29	5	3	2	3	5	2	0	0	0	6	5	2	3
30	0	5	0	3	2	5	0	2	3	0	7	5	3
MEAN	4	4	4	5	5	3	4	3	3	4	4	3	4

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	7	9	9	8	4	6	7	13	13	3	6	7
2	8	5	2	10	7	3	5	7	5	4	3	5	5
3	11	5	6	0	2	2	0	3	2	2	3	3	3
4	6	5	9	3	7	3	0	2	0	8	7	2	4
5	3	2	5	5	7	3	2	2	2	3	4	4	4
6	2	0	5	5	9	1	9	0	1	1	5	0	3
7	3	2	2	7	2	2	2	5	2	5	2	6	3
8	3	2	6	6	9	3	0	3	0	3	0	5	3
9	3	5	2	0	7	4	0	4	4	0	5	5	3
10	4	0	3	11	6	0	0	4	2	9	5	0	4
11	2	0	2	2	3	2	2	0	5	2	1	5	2
12	0	3	0	4	3	2	0	3	2	2	1	3	2
13	5	10	15	10	15	9	9	2	2	2	1	5	2
14									*****	*****	*****	*****	9
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26	0	3	6	5	9	2	3	6	0	7	2	2	4
27	3	3	7	2	7	5	10	9	9	9	11	4	7
28	3	5	5	15	2	4	0	7	6	7	11	3	6
29	8	2	6	5	26	8	2	5	5	2	7	3	7
30	7	7	3	10	18	9	15	9	7	0	3	1	7
31	4	0	3	3	16	3	7	9	5	5	0	0	5
MEAN	4	3	5	6	9	4	4	5	4	5	4	3	5

PERCENTAGE OF DATA VALID - 60

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH NOV 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	3	6	9	7	3	2	9	6	13	2	5
2	2	0	7	5	3	2	0	3	2	2	3	3	3
3	2	0	5	5	8	4	7	2	5	3	5	1	4
4	4	0	4	4	0	4	4	3	7	1	3	3	3
5	0	7	8	15	6	2	5	***	5	2	2	6	5
6	1	3	2	3	5	6	0	0	4	3	0	5	3
7	0	0	3	0	0	3	3	0	2	1	3	2	1
8	2	3	4	2	0	2	5	3	2	5	7	11	4
9	5	2	1	3	10	5	3	3	2	7	6	5	4
10	4	9	4	7	5	5	0	6	3	3	2	3	4
11	0	2	5	2	6	7	2	7	4	2	4	5	4
12	3	7	7	11	9	5	5	0	9	5	13	13	7
13	13	7	5	11	8	0	6	3	6	2	3	0	5
14	7	0	7	0	7	3	0	7	0	3	3	3	3
15	5	3	2	5	7	5	13	11	9	13	15	9	8
16	7	3	5	5	5	5	3	9	11	11	7	8	7
17	13	6	8	5	12	8	11	5	7	8	11	9	9
18	13	13	12	13	19	8	9	11	7	7	3	10	10
19	0	7	2	3	3	3	0	3	3	2	0	0	2
20	2	4	2	6	0	1	0	3	2	5	3	3	3
21	2	3	7	3	0	2	5	0	5	0	0	0	2
22	4	3	1	0	4	1	4	5	7	5	3	3	3
23	3	5	0	7	9	2	2	3	2	3	5	3	4
24	2	8	0	0	9	4	2	2	9	5	5	3	3
25	13	5	11	5	13	13	5	5	9	10	10	0	7
26	9	4	13	8	13	0	7	2	7	3	5	7	6
27	5	7	9	8	2	2	5	4	8	2	5	6	6
28	11	6	5	3	6	1	2	2	3	9	2	1	4
29	2	2	2	3	6	3	3	6	0	4	1	4	3
30	3	2	2	2	0	8	2	2	2	1	5	4	3
MEAN	5	4	5	5	6	4	4	4	5	4	5	4	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH DEC 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	4	3	5	2	3	2	7	8	15	7	5
2	5	8	13	13	14	12	5	0	2	3	4	7	7
3	8	2	8	6	5	1	6	8	8	4	4	7	5
4	3	4	6	7	5	1	0	6	3	3	0	4	3
5	6	4	0	2	7	3	5	4	3	7	18	7	6
6	13	9	5	10	7	9	2	4	4	5	4	6	4
7	8	3	3	4	7	7	7	8	7	2	4	3	5
8	5	7	2	7	4	***	6	8	9	7	6	9	6
9	12	12	5	13	9	9	8	8	12	4	8	2	9
10													
11	3	4	2	5	2	0	2	2	0	3	2	4	2
12	3	7	0	11	9	4	5	6	3	3	4	3	5
13	8	2	2	5	5	3	0	1	2	8	4	1	3
14	5	2	8	10	12	5	0	0	3	5	9	2	5
15	1	0	2	4	4	5	2	9	9	3	5	2	4
16	2	4	4	0	2	2	3	2	6	5	2	3	3
17	5	4	7	7	2	4	4	1	6	0	3	0	4
18	2	1	0	5	3	3	0	2	7	3	4	5	3
19	7	7	2	4	2	6	2	4	2	6	3	12	5
20	4	2	7	2	4	5	8	11	9	9	8	7	6
21	8	6	6	9	8	8	3	7	3	5	2	3	6
22	2	0	0	2	5	2	3	6	2	7	7	2	3
23	2	2	2	2	6	3	4	2	6	7	2	5	4
24	7	5	0	4	3	8	5	2	2	2	0	0	3
25	5	2	3	0	2	8	4	0	2	0	3	1	3
26	9	4	7	3	3	7	4	2	1	1	2	2	4
27	7	2	0	3	5	5	6	4	2	6	10	6	5
28	3	3	2	2	5	3	3	0	2	2	3	7	3
29	1	6	2	4	9	3	1	5	***	***	***	***	4
30													
31													
MEAN	5	4	4	5	6	5	4	4	4	4	5	4	4

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - CITY HALL TORONTO

NO 31003

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	7	13
FEB	28	4	8	15
MAR	31	3	6	21
APR	30	4	12	22
MAY	31	4	8	17
JUN	30	4	8	26
JUL	28	3	5	12
AUG	31	2	5	12
SEP	30	4	7	17
OCT	19	5	9	26
NOV	30	5	10	19
DEC	29	4	9	18
YEAR	348	4	12	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	218	131	12	0	0	0	0	361
FEB	209	102	9	0	0	0	0	320
MAR	286	74	9	0	1	0	0	370
APR	269	69	15	3	1	0	0	357
MAY	245	111	12	2	0	0	0	370
JUN	246	93	16	1	1	0	0	357
JUL	261	56	4	0	0	0	0	321
AUG	306	58	2	0	0	0	0	366
SEP	226	115	18	1	0	0	0	360
OCT	124	87	10	2	1	0	0	224
NOV	199	130	29	1	0	0	0	359
DEC	196	132	14	1	0	0	0	343
YEAR	2785	1158	150	11	4	0	0	4108

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93	0	0.6	1.5	2.5	4.2	7.1	9.0	11.6	12.9	26	3.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	12	4	17	10	9	6	3	9	6	20	27	12	11
2	10	20	19	15	13	6	6	2	4	2	5	6	9
3	2	2	4	4	5	6	7	8	2	6	7	4	5
4	0	3	4	6	4	7	5	12	16	6	7	4	6
5	1	2	4	6	2	6	2	5	4	6	4	3	4
6	3	2	6	6	9	6	3	4	4	8	6	7	5
7	4	7	6	9	10	7	2	3	3	6	5	8	6
8	8	6	9	12	22	17	14	10	6	8	10	9	11
9	20	7	4	9	11	4	4	6	3	4	5	8	7
10	14	5	11	11	5	6	5	10	4	6	1	8	7
11	3	1	9	6	10	4	9	10	7	8	4	2	6
12	4	2	7	7	3	6	4	6	2	6	9	10	5
13	9	2	6	4	12	2	6	5	3	6	6	2	5
14	7	6	3	8	10	15	12	8	9	2	6	4	8
15	4	2	4	7	10	0	2	3	3	4	4	1	4
16	3	4	3	4	6	2	5	7	4	9	12	11	6
17	10	9	9	6	6	3	3	3	2	3	7	5	6
18	3	6	4	7	6	3	4	3	2	2	4	7	4
19	2	5	0	5	5	1	4	3	5	2	2	6	3
20	7	2	4	7	7	7	4	4	5	12	8	4	6
21	4	5	6	8	8	9	11	7	10	7	****	****	8
22	****	****	****	9	4	9	5	4	9	9	9	16	8
23	11	10	12	2	1	2	2	4	0	2	4	5	5
24	4	3	2	6	7	1	5	2	3	15	9	7	5
25	4	14	8	8	16	7	9	6	9	7	9	20	10
26	13	4	11	10	9	6	8	1	6	2	2	2	6
27	2	0	0	0	1	0	0	1	5	3	3	3	4
28	0	2	5	6	6	6	2	2	5	6	0	4	2
29	3	3	5	10	12	5	8	5	14	3	12	15	8
30	8	5	3	3	0	0	1	3	2	1	2	2	3
31	2	3	2	0	7	0	2	5	2	2	5	5	3
MEAN	6	5	6	7	8	5	5	5	5	6	6	7	6

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	5	2	4	5	4	****	****	****	****	****	****	****
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8	****	****	****	****	****	2	3	2	5	4	3	2	****
9	3	4	6	6	4	2	4	1	2	3	6	5	4
10	5	10	8	12	6	6	4	0	7	7	8	7	7
11	5	7	3	6	5	4	4	11	10	10	8	3	6
12	8	7	15	10	6	9	11	14	12	5	3	2	9
13	2	1	0	2	3	1	8	3	4	3	0	2	2
14	0	0	0	3	4	3	3	0	2	1	0	9	2
15	6	4	7	18	12	5	6	4	2	2	2	2	6
16	4	7	13	5	14	6	3	3	9	4	9	9	7
17	12	8	9	8	15	9	7	11	8	10	7	6	9
18	6	4	5	16	7	2	5	2	5	4	8	3	6
19	6	4	3	4	1	6	1	2	0	2	5	2	3
20	2	3	0	3	8	20	15	11	3	2	4	0	6
21	3	0	2	2	2	1	3	7	2	2	2	1	2
22	2	2	5	2	2	4	5	5	2	0	6	0	3
23	2	4	4	10	7	9	3	6	7	6	3	1	5
24	3	2	0	5	4	9	5	5	3	7	9	11	5
25	7	3	7	12	4	7	3	9	8	9	12	12	7
26	13	14	10	8	13	4	13	9	6	9	10	11	10
27	8	10	5	4	4	1	2	2	2	5	4	2	4
28	1	0	3	1	2	3	0	0	2	2	0	3	1
MEAN	5	5	5	7	6	5	5	5	5	5	5	4	5

PERCENTAGE OF DATA VALID - 75

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	2	4	5	4	2	0	0	2	3	5	2
2	4	8	7	12	6	0	4	0	4	3	0	3	4
3	1	3	6	3	2	4	1	5	3	1	3	2	3
4	3	1	2	2	0	3	1	2	2	0	4	2	2
5	2	2	6	2	5	1	6	3	9	5	4	13	5
6	8	2	5	7	5	2	3	2	6	4	0	5	4
7	2	2	5	9	2	2	3	3	1	2	2	0	3
8	2	3	2	2	0	1	3	3	1	2	2	3	2
9	3	2	2	3	2	0	2	0	0	5	3	4	2
10	2	9	17	18	13	2	2	2	3	0	0	2	6
11	3	2	3	2	2	1	0	0	1	5	8	5	3
12	8	5	8	19	13	4	3	4	5	2	1	5	6
13	8	2	4	3	3	6	4	3	5	7	3	3	4
14	3	11	9	9	3	5	5	2	4	9	8	17	7
15	11	11	5	9	4	3	5	0	3	2	3	5	5
16	1	0	3	3	3	3	2	2	7	1	2	2	2
17	2	3	2	5	0	1	1	2	2	2	4	2	2
18	3	1	6	9	7	8	2	5	3	5	6	7	5
19	4	0	2	2	2	2	1	1	9	8	0	4	3
20	0	1	0	3	2	2	1	5	0	2	1	3	2
21	1	2	2	2	2	2	0	0	2	0	2	2	1
22	0	0	2	6	3	0	0	2	2	0	0	4	2
23	3	2	4	4	3	2	0	1	3	2	1	2	2
24	0	3	1	1	0	3	0	3	1	1	0	3	1
25	2	2	6	7	2	0	1	2	2	2	3	4	3
26	5	4	3	3	7	1	1	2	2	0	5	4	3
27	8	6	4	1	3	1	0	1	0	2	1	2	2
28	1	3	2	1	2	0	4	2	2	2	9	3	3
29	5	2	2	7	2	1	2	1	2	2	2	3	3
30	0	0	0	4	0	0	2	0	2	2	5	1	1
31	3	6	3	6	8	0	0	0	2	3	0	1	3
MEAN	3	3	4	5	4	2	2	2	3	3	3	4	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	2	0	2	1	2	4	9	5	2	3	3
2	1	1	1	2	4	7	5	2	1	3	3	3	2
3	1	2	1	1	2	3	2	1	1	1	1	2	3
4	1	0	2	2	1	1	2	0	3	2	2	2	2
5	2	5	2	2	2	2	1	0	3	3	2	5	2
6	6	1	2	6	0	5	2	2	3	4	2	5	3
7	1	1	2	5	2	1	2	0	3	0	1	2	2
8	1	3	2	3	2	2	1	0	5	2	1	2	2
9	5	4	5	7	7	2	1	0	3	0	2	2	3
10	1	1	0	0	0	1	0	0	0	0	2	0	0
11	5	9	7	11	3	0	2	3	0	1	1	14	5
12	5	2	2	4	7	2	2	6	6	3	6	7	4
13	5	1	4	5	1	2	0	6	2	1	2	0	2
14	0	1	2	1	2	1	2	0	1	0	5	2	1
15	0	0	4	2	2	1	1	0	1	0	0	0	1
16	0	2	2	0	0	1	2	1	1	0	0	1	1
17	4	2	3	2	1	2	0	3	2	2	2	2	2
18	1	3	7	5	2	2	3	2	3	2	1	1	3
19	1	3	2	7	2	2	1	2	3	3	4	1	3
20	2	2	4	6	13	6	4	1	2	4	15	3	5
21	2	3	0	1	2	2	2	0	1	0	0	0	1
22	0	1	1	1	2	0	1	2	2	0	1	0	1
23	0	1	2	3	2	1	3	2	2	2	2	3	2
24	3	1	2	3	1	2	1	0	2	1	2	1	2
25	2	2	0	2	0	0	1	0	0	0	1	1	1
26	1	0	0	1	1	2	1	1	0	1	1	1	1
27	2	0	1	2	3	3	3	3	2	3	1	2	2
28	0	7	0	3	7	4	5	3	7	5	7	2	4
29	3	5	1	2	2	0	0	3	0	0	0	4	2
30	2	0	3	0	0	0	2	2	2	3	0	2	1
MEAN	2	2	2	3	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	5	2	3	3	5	2	1	4	2	0	5	3
2	2	8	5	3	0	0	5	5	2	3	2	4	2
3	0	3	7	3	0	3	2	0	3	2	0	0	3
4	3	0	2	0	3	0	0	0	0	2	2	5	1
5	0	0	7	7	0	2	2	6	4	3	3	2	3
6	5	3	2	3	0	0	0	3	0	0	0	0	1
7	0	7	0	7	5	3	0	0	0	3	0	0	2
8	3	0	3	0	0	2	2	2	2	0	2	2	2
9	5	5	8	5	0	0	3	0	3	0	3	0	3
10	5	0	1	0	0	2	0	2	2	5	4	4	2
11	3	7	3	17	14	6	2	2	4	4	6	5	6
12	8	7	3	5	10	8	3	2	2	0	0	1	4
13	1	1	1	1	2	5	2	3	4	0	2	0	2
14	0	0	2	2	3	2	1	4	2	0	3	0	2
15	10	16	11	9	4	2	3	4	4	5	9	8	2
16	4	4	5	5	6	3	4	6	2	1	3	1	7
17	0	2	0	1	2	1	2	2	2	2	2	3	4
18	5	11	8	9	8	5	5	3	8	2	9	12	7
19	6	5	14	12	8	7	5	2	3	4	8	13	7
20	3	1	2	4	5	2	2	1	3	2	1	3	2
21	0	2	5	6	2	0	2	0	0	0	1	0	2
22	0	0	0	2	0	1	0	0	0	2	0	1	1
23	1	1	2	2	2	1	0	0	2	0	3	2	1
24	3	1	2	1	2	2	0	2	2	0	2	2	2
25	1	6	6	8	7	3	1	2	2	0	2	2	4
26	1	2	2	3	3	2	2	2	2	2	2	1	4
27	2	0	1	2	4	2	2	0	2	2	2	5	2
28	7	2	2	2	1	2	3	2	2	0	2	7	3
29	8	4	4	12	5	3	2	2	0	0	1	7	4
30	5	10	10	8	12	5	2	2	0	1	1	2	5
31	2	1	0	1	2	1	3	0	2	2	2	3	2
MEAN	3	4	4	5	4	3	2	2	2	2	2	3	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	2	5	1	2	3	18	2	2	2	2	4
2	3	2	2	4	4	5	7	12	17	10	5	5	6
3	8	5	9	3	6	5	3	5	1	4	4	5	5
4	6	4	10	10	5	3	1	1	2	2	2	4	5
5	2	2	2	2	1	2	1	2	2	5	2	2	4
6	2	2	3	1	3	4	4	4	7	7	4	4	4
7	3	0	4	7	3	2	2	4	3	3	3	0	3
8	7	4	8	10	****	****	2	2	1	0	2	1	4
9	0	0	1	2	0	0	1	2	2	2	2	0	1
10	0	2	2	2	2	2	2	2	10	2	3	7	3
11	2	4	5	3	1	1	2	1	2	3	2	8	3
12	4	5	8	8	8	7	8	3	3	11	16	14	8
13	16	4	2	4	2	2	3	2	3	6	6	5	5
14	6	2	5	2	0	2	4	0	2	4	0	2	2
15	2	3	0	1	2	2	2	2	0	3	2	2	2
16	4	5	2	4	3	3	5	4	6	5	5	5	4
17	3	3	2	3	2	3	4	4	7	4	7	8	4
18	10	9	7	5	2	3	2	3	6	6	3	4	5
19	7	5	7	7	6	10	5	4	5	6	7	5	6
20	4	5	7	6	1	4	1	2	2	0	1	3	3
21	1	****	0	2	2	2	1	0	0	0	0	1	1
22	2	0	1	3	3	2	0	2	1	5	4	2	2
23	8	8	7	3	3	2	2	4	2	2	2	3	4
24	2	4	2	2	1	4	2	2	4	2	3	2	3
25	0	2	2	2	3	4	3	5	1	1	1	1	2
26	0	1	1	1	2	2	0	2	3	3	4	3	2
27	5	2	2	4	4	2	5	0	3	2	2	2	3
28	0	2	2	3	2	1	3	****	****	****	****	****	****
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	4	3	4	4	3	3	3	3	4	4	3	4	3

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - 360 CHRISTIE TORONTO

NO 31026

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6	11	27
FEB	22	5	10	20
MAR	31	3	7	19
APR	30	2	5	15
MAY	31	3	7	17
JUN	28	3	8	18
YEAR	173	4	11	27

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	160	167	28	10	2	0	0	367
FEB	135	92	23	3	0	0	0	253
MAR	288	72	7	4	0	0	0	371
APR	313	41	4	0	0	0	0	358
MAY	287	74	9	2	0	0	0	372
JUN	245	76	3	4	0	0	0	328
YEAR	1428	522	74	23	2	0	0	2049

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
94	0	0.4	1.3	2.2	4.0	7.8	9.9	13.3	15.6	27		3.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	5	3	3	3	3	2	1	2	5	18	22	6
2	15	5	7	7	5	7	6	8	0	2	2	0	5
3	2	4	0	2	3	2	8	3	3	5	5	5	3
4	2	3	0	2	3	5	3	5	3	12	5	3	4
5	2	3	0	3	3	0	3	2	3	2	5	5	3
6	4	3	2	3	2	5	0	3	0	2	5	3	3
7	3	0	1	3	6	4	2	8	0	2	2	5	3
8	3	8	6	0	6	13	9	14	5	9	9	7	7
9	8	3	7	2	2	9	2	3	0	3	2	9	4
10	5	5	2	8	5	3	3	7	5	11	0	2	5
11	0	0	0	2	0	****	****	****	2	4	4	3	2
12	2	2	0	3	3	3	6	3	7	4	4	10	4
13	4	3	2	4	3	9	9	3	6	6	3	3	5
14	2	5	3	1	7	5	10	3	3	****	2	1	4
15	3	2	2	1	2	3	0	6	4	6	3	3	3
16	2	3	2	2	2	2	5	4	3	5	12	13	5
17	6	9	5	5	6	5	2	3	2	2	2	2	4
18	3	0	2	2	3	7	4	2	3	6	6	5	4
19	3	0	2	2	6	6	2	2	4	4	4	4	4
20	****	****	1	2	4	4	5	4	4	7	2	2	4
21	8	2	2	5	4	8	3	4	3	5	3	2	4
22	2	2	2	2	4	6	1	1	2	4	4	5	3
23	8	11	11	5	4	2	3	2	3	2	3	4	5
24	1	3	3	0	2	6	3	4	4	2	8	9	4
25	3	6	2	6	8	6	6	4	3	6	3	6	5
26	5	7	7	3	4	5	2	3	2	2	0	3	4
27	2	1	1	1	3	2	2	2	2	1	2	2	2
28	1	4	2	3	5	3	2	5	4	4	1	1	3
29	1	0	2	0	4	4	2	1	3	4	3	2	2
30	2	3	2	3	2	0	1	1	0	2	2	2	2
31	2	1	0	0	0	2	0	3	2	3	2	1	1
MEAN	4	4	3	3	4	5	4	4	3	4	4	5	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	1	0	4	2	2	1	1	2	4	4	2
2	6	2	4	4	8	4	5	0	1	2	2	2	3
3	4	3	2	3	4	6	6	5	3	2	4	9	4
4	8	6	6	3	7	5	4	5	2	3	****	****	5
5							- DATA MISSING -	-					
6							- DATA MISSING -	-					
7							- DATA MISSING -	-					
8	****	****	****	****	****	****	****	4	0	2	1	0	****
9	0	2	0	1	2	2	3	1	1	2	3	2	2
10	2	2	3	5	2	2	2	0	4	2	5	9	3
11	3	5	4	5	6	6	7	8	6	7	5	5	6
12	2	5	6	3	8	6	7	7	10	4	4	0	5
13	0	2	0	3	5	1	3	3	2	3	1	3	2
14	0	0	0	2	2	2	0	0	3	4	2	0	1
15	4	2	1	3	2	1	2	2	1	4	2	4	2
16	3	3	5	8	6	****	****	2	4	3	9	8	5
17	4	3	5	3	6	3	7	8	4	3	8	3	5
18	4	2	2	2	5	7	7	7	6	4	6	7	5
19	4	6	7	2	6	3	2	1	3	3	2	0	3
20	2	2	2	0	2	3	7	7	10	4	3	0	4
21	4	2	0	2	0	2	5	2	0	0	9	4	3
22	2	6	4	4	5	2	6	2	1	2	0	0	3
23	2	2	2	3	10	2	3	3	2	4	3	4	3
24	3	2	4	5	7	4	****	****	7	0	5	5	4
25	2	4	5	2	2	5	5	2	6	9	14	13	6
26	13	9	8	7	6	3	5	5	5	7	3	3	6
27	5	7	6	3	2	1	2	1	2	1	0	2	3
28	0	2	5	2	0	1	0	2	2	4	2	0	2
MEAN	3	3	3	3	4	3	4	3	3	3	4	4	4

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	2	5	****	****	5	3	0	3	2	5	3
2	6	5	6	10	16	11	4	5	6	9	4	2	7
3	4	4	4	8	6	10	2	6	3	3	0	1	4
4	0	0	0	2	0	0	0	2	0	0	0	2	1
5	4	4	2	2	2	3	***	3	4	6	9	7	4
6	7	17	8	7	0	0	2	3	2	0	0	3	4
7	0	2	3	2	0	3	0	2	3	1	0	0	1
8	3	0	0	9	7	2	2	3	3	6	5	3	9
9	2	3	1	9	2	6	0	2	6	6	3	5	4
10	5	10	5	18	8	0	2	2	0	0	6	5	5
11	7	3	7	5	3	2	7	4	3	9	9	7	6
12	8	7	12	15	3	9	0	6	3	3	14	13	8
13	5	4	5	3	5	6	5	4	4	8	7	11	6
14	7	11	5	2	6	2	2	4	1	2	3	5	4
15	8	12	5	7	5	4	0	2	0	1	4	2	4
16	5	0	2	2	2	0	2	5	0	3	3	2	2
17	3	5	2	4	5	4	3	4	3	5	7	2	4
18	2	7	2	4	7	3	3	2	2	3	3	5	4
19	2	2	0	2	1	1	***	2	4	9	3	2	3
20	2	5	5	4	2	0	2	0	0	2	0	2	2
21	0	0	0	1	0	2	1	2	3	1	2	3	1
22	3	3	2	6	3	2	3	4	4	5	10	5	4
23	0	7	5	6	13	3	0	2	2	0	4	2	4
24	1	3	2	2	6	2	3	2	7	3	2	6	3
25	4	3	0	2	6	4	0	2	2	6	4	5	3
26	4	3	6	5	10	5	****	****	****	****	****	****	****
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	4	5	4	5	5	3	2	3	3	4	4	4	4

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7	****	****	****	****	****	****	****	****	5	5	3	5	****
8	3	8	2	2	6	5	4	4	4	1	2	2	4
9	10	6	4	5	2	2	5	3	5	5	6	1	5
10	2	2	1	0	2	4	2	2	2	2	2	3	2
11	5	3	3	7	9	8	4	0	0	6	4	7	5
12	4	10	5	3	6	10	11	9	8	3	5	4	7
13	16	11	5	11	9	5	5	2	7	2	2	3	7
14	1	2	2	4	3	4	2	4	5	2	3	2	3
15	2	6	7	7	7	5	4	4	5	3	2	1	4
16	4	5	2	2	2	5	2	3	2	2	2	2	3
17	5	7	2	2	1	2	2	2	1	2	1	3	3
18	5	4	2	4	1	3	2	2	1	2	2	2	3
19	4	2	3	1	2	2	****	0	4	3	8	3	3
20	3	2	8	11	13	11	7	1	1	3	5	3	6
21	3	7	2	2	1	3	5	3	2	6	4	3	3
22	3	4	1	2	3	2	3	3	3	6	1	3	3
23	0	0	3	3	6	4	4	2	1	5	4	6	3
24	5	3	1	2	1	1	2	1	0	1	2	1	2
25	2	1	0	1	2	1	1	2	1	1	3	2	1
26	4	1	2	2	5	4	21	4	5	2	4	4	5
27	3	4	2	9	2	1	2	1	1	3	2	1	3
28	0	2	1	0	2	2	2	2	4	10	6	6	3
29	4	3	3	7	7	5	6	6	2	4	2	2	4
30	2	1	4	2	3	****	****	5	2	7	4	5	4
MEAN	4	4	3	4	4	4	5	3	3	3	4	3	4

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAY 71

STATION - PHARMACY AND 401 TORONTO	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	3	7	6	9	2	5	4	2	4	2	3	5
2	2	3	2	2	2	3	2	2	4	2	3	2	2
3	3	2	2	2	6	2	5	5	6	7	4	2	4
4	1	3	2	3	7	6	1	3	3	5	5	3	4
5	2	10	9	4	6	7	9	4	3	5	5	9	6
6	11	9	5	9	8	5	3	5	3	4	3	2	5
7	4	3	5	5	7	8	***	4	1	3	2	10	5
8	1	8	3	4	7	0	4	2	1	3	2	7	4
9	3	3	2	4	2	1	2	2	4	2	5	5	3
10	3	6	7	6	6	5	6	2	2	4	7	4	5
11	12	15	6	18	10	4	5	2	2	1	4	6	7
12	13	7	4	3	3	4	1	4	2	2	3	2	4
13	4	0	2	3	3	7	4	4	2	1	2	3	3
14	7	6	4	5	9	3	5	3	5	5	2	5	5
15	5	10	12	12	7	2	3	1	4	4	3	7	6
16	3	5	4	0	6	5	5	2	3	3	2	6	4
17	2	4	2	5	7	5	3	3	5	4	2	4	4
18	16	16	9	7	9	3	***	3	5	6	4	8	4
19	3	10	8	11	9	10	6	0	2	5	3	8	6
20	11	6	1	0	5	5	2	2	5	3	0	5	4
21	5	11	6	8	16	8	12	8	6	3	3	2	7
22	0	0	0	2	2	0	6	2	9	7	1	0	2
23	0	2	2	1	2	2	0	1	0	0	3	5	2
24	4	5	2	2	0	0	1	0	2	2	0	2	2
25	1	4	5	9	3	4	***	***	0	2	2	0	3
26	3	0	5	2	2	2	0	3	5	3	0	7	3
27	0	3	5	4	4	5	3	3	2	5	8	2	4
28	12	5	7	7	7	2	11	3	0	0	3	5	5
29	13	11	5	7	11	3	5	2	3	3	2	3	6
30	7	5	0	7	5	3	0	7	0	7	1	7	4
31	2	2	5	2	7	7	6	6	7	0	2	9	5
MEAN	5	6	4	5	6	4	4	3	3	3	3	5	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUN 71

STATION - PHARMACY AND 401 TORONTO	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	6	3	7	3	4	1	0	3	0	0	2	3
2	1	12	0	7	9	3	5	2	5	9	18	11	7
3	6	9	5	11	8	3	9	7	3	0	5	0	6
4	2	6	3	11	9	3	6	1	8	4	5	3	5
5	2	5	0	3	0	3	0	0	3	3	5	4	2
6	8	3	0	0	0	2	0	7	3	5	7	2	3
7	5	0	3	6	4	3	3	***	2	5	3	0	3
8	2	9	3	2	7	4	2	4	2	3	6	3	4
9	3	4	2	3	3	3	3	5	9	3	2	4	4
10	0	1	0	2	5	9	13	9	12	12	2	0	5
11	0	2	2	2	2	2	9	8	7	7	5	5	4
12	5	2	3	7	6	8	6	2	5	4	0	3	4
13	2	0	7	5	3	9	5	5	7	11	2	3	5
14	0	2	2	0	0	5	7	6	8	8	8	2	4
15	2	2	1	2	1	6	5	3	8	4	2	0	3
16	1	4	0	4	2	3	8	7	12	8	4	6	5
17	5	2	0	3	3	13	10	6	16	9	9	6	7
18	1	4	2	4	***	6	1	2	2	3	5	3	3
19	12	9	7	4	6	7	3	3	4	9	3	2	4
20	2	2	3	1	1	4	0	0	4	4	3	1	2
21	0	0	5	4	4	3	3	2	2	5	0	6	3
22	4	2	8	4	5	0	0	1	0	2	0	6	3
23	5	9	14	12	5	2	1	0	2	1	2	2	5
24	3	1	8	6	8	***	9	7	2	9	3	4	5
25	2	4	2	2	3	8	2	5	8	2	6	4	4
26	5	2	2	3	0	1	2	0	4	0	5	7	3
27	2	5	6	2	5	4	0	2	3	1	3	0	3
28	3	0	5	2	5	2	2	2	0	2	2	2	3
29	3	5	5	4	4	5	2	2	3	2	5	1	4
30	7	9	9	9	6	9	4	***	***	***	***	***	***
MEAN	3	4	4	4	4	5	4	4	5	5	4	3	4

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30	****	****	****	****	****	****	****	****	2	3	4	4	****
31	5	2	0	4	2	2	4	1	0	2	0	2	2
MEAN	5	2	0	4	2	2	4	1	1	3	2	3	2
PERCENTAGE OF DATA VALID - 4													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	2	2	1	0	4	3	3	0	2	2
2	4	2	5	3	4	3	4	5	3	2	2	5	4
3	2	6	5	10	7	3	2	4	2	2	2	2	4
4	2	3	7	8	4	3	2	4	4	2	2	5	4
5	1	6	2	7	6	5	2	4	2	2	2	5	4
6	2	2	2	10	3	2	4	2	6	5	3	3	4
7	2	3	2	7	5	3	1	5	1	1	4	3	4
8	3	2	2	2	3	2	0	0	1	6	2	2	3
9	2	3	5	6	4	4	3	3	2	3	3	1	3
10	4	4	6	4	4	5	2	3	4	3	2	2	4
11	0	2	0	0	5	1	4	2	2	3	4	3	2
12	3	3	5	6	6	1	1	0	2	0	4	2	3
13	2	2	4	4	4	5	2	2	2	3	2	2	3
14	2	5	4	4	2	7	4	2	4	2	2	3	3
15	0	0	0	0	4	2	2	2	2	2	3	2	3
16	4	2	5	10	3	2	0	1	2	0	3	6	2
17	6	6	8	12	4	1	4	3	2	1	2	2	3
18	8	4	2	12	6	6	1	2	3	2	0	4	5
19	18	11	11	10	****	4	4	5	2	6	2	6	5
20	2	2	0	3	6	3	4	4	4	4	2	4	7
21	1	1	4	2	4	4	2	2	3	4	1	3	3
22	2	2	1	0	1	0	0	2	1	0	2	2	1
23	0	1	2	4	1	3	2	4	3	3	6	7	3
24	5	3	8	9	6	3	2	6	2	2	5	7	5
25	3	3	2	5	1	2	2	2	2	9	6	9	4
26	5	3	6	9	3	3	2	2	1	2	0	2	3
27	0	5	7	0	3	2	5	5	2	2	0	2	3
28	3	2	3	0	3	0	2	0	3	2	2	3	4
29	0	3	0	2	2	0	2	0	3	0	0	5	2
30	2	3	1	5	3	2	5	5	2	7	2	4	2
31	6	2	3	7	3	0	0	0	3	1	6	9	3
MEAN	3	3	4	5	4	3	2	3	2	3	3	4	3
PERCENTAGE OF DATA VALID - 99													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - PHARMACY AND 401 TORONTO							NO 33002						
							MONTH SEP 71						
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	3	7	8	2	2	0	6	2	0	5	5	4
2	5	3	9	18	5	5	2	3	4	3	3	3	5
3	4	8	3	5	2	3	0	0	0	2	3	5	3
4	2	5	0	3	5	2	3	4	3	2	3	4	3
5	2	0	2	2	0	3	1	1	0	0	2	4	3
6	2	0	1	0	0	3	2	2	0	3	3	0	1
7	3	0	3	2	5	0	2	3	0	3	1	5	2
8	4	5	0	6	3	5	0	3	0	2	5	2	3
9	3	5	5	6	3	2	0	***	0	2	4	9	4
10	7	8	11	18	4	0	0	2	3	2	2	7	5
11	11	3	5	6	8	7	3	0	3	4	1	3	5
12	0	2	2	2	0	1	3	2	2	5	2	3	2
13	5	2	3	3	7	9	7	9	7	5	3	5	5
14	6	7	5	9	7	7	9	6	6	4	2	2	6
15	5	3	4	11	3	3	5	5	5	9	7	5	5
16	7	8	13	17	13	9	2	2	3	11	7	5	8
17	4	2	5	3	8	5	5	7	3	3	4	11	5
18	3	5	3	5	4	2	2	1	3	2	3	2	3
19	2	3	4	4	2	2	0	2	2	2	1	0	2
20	3	7	3	3	3	3	0	0	2	3	2	5	3
21	2	3	5	11	4	6	10	3	4	2	9	17	6
22	13	9	15	23	9	2	0	0	2	3	7	8	8
23	13	7	13	7	3	3	2	2	3	5	0	6	5
24	2	2	3	5	11	7	5	7	7	9	5	5	5
25	4	2	7	6	5	2	0	2	3	9	5	5	5
26	5	2	2	0	2	0	2	0	2	0	3	5	3
27	2	2	8	6	5	2	2	3	0	3	3	5	2
28	3	5	7	4	0	4	4	3	5	3	9	9	5
29	2	3	5	3	2	3	7	5	6	6	5	2	4
30	0	5	11	16	5	3	0	5	3	3	15	4	6
MEAN	4	4	5	7	4	4	3	3	3	3	4	5	4
PERCENTAGE OF DATA VALID - 99													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - PHARMACY AND 401 TORONTO							NO 33002						
							MONTH OCT 71						
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	2	7	7	3	3	5	3	3	6	14	9	6
2	9	8	2	3	2	7	7	4	4	7	3	7	5
3	7	3	0	3	0	2	3	2	2	0	0	2	2
4	2	2	0	4	11	5	2	2	5	7	2	5	4
5	3	2	0	5	6	0	3	2	2	0	3	3	2
6	4	2	3	4	11	3	7	7	5	4	5	5	5
7	1	5	5	7	3	4	3	4	4	2	5	4	4
8	2	6	0	4	7	0	5	0	2	3	3	7	3
9	3	2	4	2	3	7	2	2	5	2	4	3	3
10	2	2	0	2	3	2	3	0	6	2	6	3	3
11	2	2	0	3	3	2	0	5	2	1	1	1	2
12	0	0	0	3	2	2	1	3	2	9	9	6	3
13	3	2	5	8	9	5	5	5	7	6	7	5	6
14	10	8	9	13	6	3	4	3	4	7	7	3	6
15	4	3	4	7	7	5	5	7	3	10	12	16	7
16	11	10	7	14	8	9	7	4	6	6	2	2	7
17	2	0	1	1	0	0	1	0	1	3	0	3	1
18	1	4	0	5	3	2	10	0	4	4	13	11	5
19	13	11	7	14	2	2	5	0	0	5	13	10	7
20	10	16	17	26	19	6	4	7	1	7	13	10	11
21	13	13	17	21	24	8	3	3	2	8	11	6	11
22	9	11	5	5	14	13	4	6	3	6	8	9	8
23	10	7	9	4	4	3	3	2	2	3	0	3	4
24	3	3	2	1	2	2	2	0	0	0	0	0	1
25	0	2	0	1	11	5	8	6	12	6	6	4	5
26	2	1	7	10	1	5	4	2	7	3	4	6	4
27	5	5	9	14	6	5	7	4	6	1	2	7	6
28	3	3	4	9	9	4	8	2	2	15	19	5	7
29	5	10	6	21	10	2	5	4	5	16	9	9	9
30	11	7	7	8	15	5	4	1	3	0	2	8	6
MEAN	5	5	4	8	7	4	4	3	4	5	6	6	5
PERCENTAGE OF DATA VALID - 100													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	0	2	4	4	5	3	4	****	18	6	13	6
2	5	5	0	3	7	7	2	3	3	2	3	6	4
3	0	5	2	3	2	3	5	2	5	0	3	3	3
4	2	3	0	5	2	3	0	6	9	5	6	3	4
5	5	11	4	9	7	0	3	2	4	3	2	7	5
6	3	2	2	4	3	3	2	6	0	5	7	0	3
7	4	2	0	1	3	0	2	0	0	3	3	2	2
8	7	6	2	6	3	6	9	9	6	9	13	9	7
9	13	9	4	3	5	9	3	7	5	8	5	7	7
10	3	3	4	2	6	0	13	5	3	4	3	7	4
11	3	7	3	7	11	13	9	3	9	5	3	4	6
12	3	3	7	9	14	4	3	****	8	8	9	7	7
13	10	4	8	6	2	1	0	2	2	0	2	0	3
14	0	3	2	0	2	1	0	2	2	0	1	3	1
15	0	3	3	3	6	3	6	5	9	12	16	14	7
16	6	8	3	8	11	8	3	3	18	12	7	3	8
17	10	7	7	3	7	6	4	4	2	5	10	10	8
18	12	14	7	9	8	8	6	6	6	5	5	8	8
19	7	5	4	8	4	4	5	4	2	0	0	6	4
20	1	2	2	3	3	1	0	3	2	2	5	2	2
21	5	5	2	2	1	1	0	3	0	0	0	1	2
22	3	1	0	6	6	5	3	2	8	8	7	2	4
23	7	9	5	14	16	1	6	2	0	5	4	2	6
24	1	1	2	4	0	2	2	2	****	10	7	9	4
25	11	9	6	9	21	12	11	14	15	8	8	3	11
26	2	3	2	8	10	6	3	6	6	3	4	7	5
27	2	9	4	5	5	1	2	2	4	2	7	5	4
28	6	4	4	0	2	2	0	5	1	3	7	9	4
29	7	5	3	8	10	10	4	8	5	1	1	4	6
30	2	0	0	2	4	7	2	4	3	7	2	6	3
MEAN	5	5	3	5	6	4	4	4	5	5	5	5	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	5	4	8	7	8	7	6	13	11	12	14	9
2	12	8	8	13	18	4	2	1	0	5	3	0	6
3	2	4	3	9	1	2	3	0	7	6	0	3	3
4	4	3	3	4	7	3	0	5	2	3	3	3	3
5	1	3	2	5	2	0	5	0	3	0	3	5	2
6	2	5	1	3	3	7	0	2	1	3	9	10	4
7	11	10	5	11	6	11	7	10	9	6	6	5	8
8	8	5	5	11	11	7	4	4	9	0	8	2	6
9							- DATA MISSING -						
10	****	****	****	****	****	****	****	2	5	6	1	1	****
11	0	2	2	0	4	0	0	2	2	2	1	2	1
12	3	1	6	2	7	5	1	4	2	6	3	4	4
13	4	1	4	1	3	3	2	3	3	2	5	0	3
14	3	2	2	10	17	8	0	4	0	2	1	3	4
15	3	2	1	5	3	****	0	0	4	1	1	3	2
16	2	0	2	0	0	2	0	0	0	2	2	2	1
17	2	2	0	2	3	2	5	2	3	2	3	2	2
18	4	3	0	0	4	2	3	3	2	4	2	9	3
19	3	0	0	2	0	2	3	1	5	3	5	3	2
20	2	3	1	4	7	4	2	5	4	5	5	2	4
21	3	3	3	5	7	4	5	4	****	6	3	3	4
22	6	4	3	2	4	5	5	4	7	8	8	7	6
23	5	3	0	2	2	3	3	2	3	3	4	6	3
24	5	0	5	3	2	2	2	4	2	2	0	2	2
25	1	0	0	0	3	1	2	3	2	1	0	3	1
26	3	3	5	2	6	3	3	3	3	2	1	2	3
27	0	0	2	2	2	2	5	2	0	1	2	5	2
28	3	2	2	5	6	3	2	5	5	2	0	0	3
29	1	0	0	1	0	2	0	1	1	2	0	0	1
30	1	0	0	0	2	0	0	0	0	0	0	1	0
31	3	0	2	2	0	2	0	0	2	0	0	0	1
MEAN	4	3	2	4	5	3	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - PHARMACY AND 401 TORONTO

NO 33002

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	7	22
FEB	25	4	6	14
MAR	26	4	8	18
APR	24	4	7	21
MAY	31	4	8	18
JUN	30	4	7	18
JUL	2	2	2	5
AUG	31	3	7	18
SEP	30	4	8	23
OCT	31	5	11	26
NOV	30	5	11	21
DEC	30	3	9	18
YEAR	321	4	11	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	261	94	9	1	1	0	0	366
FEB	199	85	3	0	0	0	0	287
MAR	200	90	9	3	0	0	0	302
APR	200	69	6	1	1	0	0	277
MAY	218	130	15	4	0	0	0	367
JUN	218	119	13	2	0	0	0	352
JUL	15	1	0	0	0	0	0	16
AUG	285	81	4	1	0	0	0	371
SEP	224	114	15	5	1	0	0	359
OCT	205	130	26	7	4	0	0	372
NOV	196	136	20	4	1	0	0	357
DEC	259	79	11	2	0	0	0	351
YEAR	2480	1128	131	30	8	0	0	3777

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86	0	0.6	1.6	2.6	4.4	7.7	9.6	12.5	15.0	26	3.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18	****	****	****	****	****	****	****	7	2	2	5	4	****
19	4	6	5	7	9	5	3	3	2	3	3	7	5
20	2	1	1	6	2	2	7	3	1	2	2	2	3
21	1	2	3	9	2	2	2	2	4	2	2	0	3
22	2	2	0	2	0	0	0	3	0	2	3	3	1
23	2	0	0	0	2	0	2	0	2	0	2	2	1
24	0	3	2	0	2	0	3	2	2	3	0	3	2
25	0	2	4	4	2	2	2	4	0	2	2	3	2
26	2	2	1	5	5	1	2	1	0	0	2	2	3
27	0	2	0	5	2	0	0	4	2	6	6	6	3
28	4	1	2	2	3	2	1	0	2	2	5	6	3
29	6	9	4	2	2	2	1	1	2	1	2	9	3
30	5	3	4	7	2	2	1	3	2	2	2	1	3
31	2	2	2	1	2	2	0	2	1	1	4	1	2
MEAN	2	3	2	4	3	2	2	3	2	2	3	4	2

PERCENTAGE OF DATA VALID - 43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	3	4	2	0	0	1	3	0	0	2	0	1
2	1	2	0	2	3	0	2	2	8	6	3	0	2
3	4	5	6	5	2	4	1	2	2	2	3	5	3
4	4	3	3	9	10	1	1	2	2	2	2	3	4
5	2	2	0	0	1	1	0	0	2	2	2	1	1
6	4	2	2	0	1	2	2	3	5	4	6	2	3
7	6	3	3	3	3	3	****	4	3	3	2	0	3
8	2	1	4	6	2	0	3	1	0	5	2	2	2
9	2	2	0	4	3	1	2	0	2	0	2	2	2
10	1	1	4	0	2	0	0	2	0	2	2	3	1
11	4	0	4	0	2	1	0	2	1	2	0	2	2
12	3	2	2	2	3	3	3	4	3	2	3	6	3
13	5	3	0	0	2	2	2	0	3	3	3	2	2
14	3	2	4	2	3	2	2	1	2	0	3	1	2
15	2	2	2	2	1	2	0	2	2	0	2	0	1
16	2	3	0	2	1	0	2	1	3	2	2	2	2
17	2	4	4	6	2	3	2	0	3	2	2	6	3
18	5	4	3	2	3	3	0	2	3	0	5	2	3
19	2	5	4	5	3	2	1	3	3	1	2	3	3
20	2	1	2	0	3	2	2	2	1	2	2	2	2
21	1	2	1	1	2	1	****	2	0	1	0	1	1
22	0	0	0	1	0	0	1	1	0	2	0	2	1
23	3	7	3	3	3	2	2	1	2	1	2	0	2
24	0	3	1	5	1	1	2	2	2	1	2	2	2
25	0	2	0	1	1	2	0	1	2	0	2	1	1
26	2	2	0	1	0	2	1	1	0	2	2	2	1
27	3	2	3	2	3	1	1	0	2	1	2	2	2
28	0	1	3	2	0	0	2	3	0	0	3	0	1
29	2	1	3	6	0	2	2	3	3	4	5	5	3
30	4	2	7	7	9	7	5	5	5	5	3	2	5
MEAN	2	2	2	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	3	2	2	0	0	2	2	2	0	0	2
2	2	0	2	0	2	0	0	3	0	2	0	0	1
3	0	2	0	3	0	2	1	1	0	0	2	0	1
4	2	2	2	0	1	0	2	2	3	2	3	0	1
5	5	3	2	5	4	7	3	5	3	2	0	1	3
6	0	2	0	7	0	2	1	2	0	2	2	9	2
7	0	3	2	7	3	3	1	0	0	2	2	2	2
8	4	4	0	2	2	4	0	4	2	2	7	3	3
9	0	4	0	3	0	2	0	2	3	0	5	2	2
10	1	2	0	0	0	2	0	0	0	1	0	3	1
11	2	0	0	0	0	2	0	0	0	0	1	2	1
12	0	0	1	2	3	0	0	0	0	2	0	0	1
13	2	3	1	2	0	3	4	0	2	2	3	0	2
14	0	2	0	3	0	3	2	0	2	2	3	2	1
15	0	2	2	5	4	3	2	2	3	1	3	2	2
16	3	2	3	5	7	3	0	2	2	3	0	2	3
17	2	2	0	2	0	2	1	0	1	2	2	0	1
18	4	2	2	0	0	2	0	0	0	0	2	0	1
19	3	0	2	3	0	0	2	2	2	2	2	0	2
20	2	2	2	3	3	0	4	1	2	1	7	4	3
21	2	2	5	6	3	2	0	4	0	3	1	5	3
22	3	5	3	9	7	7	5	7	4	5	0	5	5
23	0	5	4	7	5	6	3	2	2	2	0	5	3
24	2	5	3	4	3	2	0	2	0	1	1	2	2
25	3	3	2	0	3	0	3	0	0	0	3	2	2
26	2	3	4	5	5	0	0	0	0	0	3	2	2
27						****	****	****	****	****	****	****	****
28							- DATA MISSING -						
29							- DATA MISSING -						
30	****	****	****	****	****	****	2	3	2	3	1	2	****
31	3	5	2	2	0	2	0	2	0	2	2	5	2
MEAN	0	0	2	2	5	0	2	2	0	3	2	5	2

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	3	2	0	2	2	2	2	2	0	4	2
2	2	5	1	4	5	2	1	3	0	2	2	2	2
3	3	5	3	4	5	2	0	0	6	2	2	2	3
4	2	2	1	2	2	0	0	1	0	3	2	0	1
5	0	0	0	2	3	0	3	2	3	0	2	2	1
6	3	0	2	2	0	2	2	1	0	2	0	3	1
7	0	3	0	5	1	2	3	0	2	0	2	2	2
8	0	3	0	2	2	0	2	0	3	0	2	0	1
9	5	2	3	5	2	5	6	2	3	5	2	6	4
10	3	3	2	5	5	4	5	4	3	3	2	0	3
11	3	2	0	3	2	0	0	2	0	1	2	1	1
12	0	2	2	5	0	2	0	0	0	3	3	1	2
13	4	2	4	9	2	3	5	2	2	3	4	5	4
14	3	15	5	2	3	3	3	2	5	2	3	5	4
15	0	2	2	2	1	0	0	0	3	0	2	2	1
16	0	3	2	5	0	0	****	0	0	0	5	3	2
17	7	2	10	9	2	0	8	4	4	4	2	3	1
18	5	0	7	9	0	2	2	1	2	2	3	5	5
19	8	7	7	13	9	5	0	3	1	3	3	3	3
20	0	0	3	5	1	2	2	3	0	0	2	1	2
21	0	5	0	5	5	0	0	0	2	2	0	0	2
22	2	1	2	0	0	5	0	1	0	0	0	0	1
23	0	0	0	2	0	0	2	0	2	0	3	2	1
24	2	3	2	1	1	0	1	0	0	1	3	0	1
25	2	0	4	0	3	0	7	****	****	****	****	****	****
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	2	3	3	4	3	2	2	1	2	2	2	2	2

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13	****	****	****	****	****	0	2	0	0	1	0	3	****
14	1	1	0	0	0	1	2	0	2	2	2	2	1
15	3	0	3	2	0	1	4	0	0	2	2	2	2
16	1	3	2	5	5	2	2	2	0	2	2	1	2
17	0	3	0	2	2	0	2	0	0	3	0	3	1
18	3	0	3	3	3	1	0	0	0	0	3	2	2
19	0	2	0	0	1	0	2	0	0	2	0	2	1
20	1	0	0	2	2	1	2	2	2	2	0	0	1
21	2	1	0	7	2	2	2	1	2	4	9	3	3
22	13	9	6	17	3	2	2	3	0	2	0	2	5
23	3	0	0	4	2	0	3	3	2	2	0	0	2
24	1	0	2	5	3	2	0	2	2	0	1	3	2
25	3	2	5	5	2	0	2	2	2	2	4	3	3
26	0	1	1	2	0	0	2	0	1	2	2	0	1
27	0	2	0	3	2	2	2	0	1	3	3	1	2
28	3	2	3	2	1	5	2	2	2	6	0	5	3
29	2	2	5	6	2	2	2	3	2	0	0	2	3
30	2	0	3	10	2	0	1	3	0	2	3	0	2
MEAN	2	1	2	4	2	1	2	1	1	2	2	2	2

PERCENTAGE OF DATA VALID - 58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	3	3	2	4	2	0	2	6	5	11	3
2	11	9	6	7	3	7	7	3	2	9	11	9	7
3	7	2	0	2	3	3	0	0	2	2	0	0	2
4	0	0	7	7	5	3	3	0	4	3	4	3	3
5	3	4	5	4	7	4	2	3	5	3	4	2	4
6	3	2	2	5	3	2	2	3	0	1	2	3	2
7	2	1	2	2	2	0	0	2	4	0	3	2	2
8	2	4	7	8	8	2	2	3	1	3	3	3	4
9	0	4	1	2	3	2	3	4	2	5	3	4	3
10	1	6	3	4	4	2	1	2	2	4	2	3	3
11	3	4	0	3	2	2	2	1	1	2	0	1	2
12	2	0	1	6	2	****	1	3	2	1	6	5	3
13	0	5	4	3	8	6	2	3	2	1	4	5	4
14	2	8	10	11	15	5	4	6	8	6	6	6	6
15	7	8	7	8	10	5	8	4	1	10	9	11	7
16	10	9	9	4	10	6	7	3	5	5	2	3	6
17	3	3	1	2	0	2	0	2	2	4	4	2	2
18	6	5	2	7	4	5	2	7	6	8	9	5	6
19	10	4	8	5	2	2	2	2	4	3	6	3	4
20	2	4	9	28	17	****	5	6	4	5	12	10	9
21	12	10	11	14	11	3	6	6	3	3	7	6	8
22	3	7	5	7	8	10	7	6	6	6	5	8	7
23	5	6	5	4	0	1	4	3	1	3	4	2	3
24	1	2	1	4	2	4	2	2	2	0	0	0	2
25	2	2	0	1	2	5	2	4	5	2	1	2	2
26	3	4	1	2	4	0	0	4	4	2	8	5	3
27	4	6	7	11	6	4	2	6	1	3	4	4	5
28	2	4	5	12	3	2	2	1	6	13	12	6	6
29	4	2	8	12	5	5	2	1	6	3	8	3	5
30	4	2	6	6	8	3	3	3	6	3	2	4	4
31	2	3	4	5	4	5	6	5	7	2	2	2	4
MEAN	4	4	4	6	5	4	3	3	3	4	5	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	3	11	10	4	2	3	5	7	2	10	5
2	1	0	4	4	3	0	0	0	3	2	0	0	1
3	2	9	2	4	2	2	1	2	4	3	3	4	3
4	3	2	0	5	3	0	4	1	2	2	4	4	3
5	6	5	5	2	2	2	2	2	6	6	2	3	4
6	2	3	2	5	4	1	3	2	0	2	2	4	3
7	0	3	0	2	0	2	3	0	1	2	1	2	1
8	0	3	0	5	2	1	0	3	6	4	7	8	3
9	8	2	2	3	5	6	5	9	7	9	5	7	6
10	3	3	6	3	5	3	5	2	5	2	4	2	4
11	2	4	0	5	4	0	5	4	2	5	6	7	4
12	4	7	3	12	12	5	6	6	5	10	5	5	7
13	5	5	2	5	3	1	3	0	3	2	3	0	3
14	4	0	0	2	2	2	2	2	5	2	1	2	2
15	2	0	0	7	4	3	3	3	7	11	22	11	6
16	1	2	6	2	5	5	4	3	8	5	4	6	4
17	5	2	5	4	6	5	0	5	5	3	3	3	4
18	7	5	5	2	7	5	8	5	7	7	7	3	6
19	3	6	4	9	5	0	2	2	3	2	0	2	3
20	2	2	3	2	3	3	2	2	4	0	4	4	3
21	5	9	5	0	1	2	0	2	0	3	0	2	2
22	0	3	0	3	3	0	3	2	3	2	6	3	2
23	2	4	3	7	5	2	2	0	2	0	2	3	3
24	2	0	2	0	2	2	0	3	2	4	2	6	2
25	5	0	5	7	9	5	3	3	7	7	5	5	5
26	3	6	3	9	5	5	***	7	6	4	6	8	6
27	8	1	0	5	4	4	0	4	3	2	4	5	3
28	5	0	7	3	0	4	0	2	2	0	3	0	2
29	1	4	0	0	3	2	0	0	2	0	2	2	1
30	0	0	0	3	3	1	0	0	2	2	2	4	1
MEAN	3	3	3	4	4	3	2	3	4	4	4	4	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	2	5	2	3	1	****	****	****	****	2
2	****	****	****	****	****	****	- DATA MISSING -	-	5	0	4	0	****
3	3	2	3	1	2	0	0	0	2	2	3	0	2
4	6	1	1	0	0	3	0	0	1	0	0	4	1
5	0	1	3	4	5	4	2	0	1	1	2	2	2
6	11	10	2	1	5	****	7	2	3	6	3	0	5
7	8	0	7	2	2	0	1	6	9	5	3	4	4
8	2	0	7	13	7	6	6	2	11	11	5	5	6
9	0	4	2	5	5	0	7	2	1	3	2	3	3
10													
11	3	0	2	2	3	0	0	4	2	5	0	2	2
12	2	5	7	13	9	5	9	5	9	6	5	7	7
13	3	3	0	3	2	0	5	1	3	0	2	2	2
14	3	5	7	8	11	9	2	1	0	0	3	2	4
15	0	0	3	3	0	2	0	5	2	0	3	0	2
16	0	5	0	3	3	0	9	2	3	6	2	0	3
17	3	1	3	5	0	4	2	4	2	6	3	2	3
18	3	2	0	3	9	2	5	3	3	5	3	4	4
19	7	0	0	9	2	4	3	5	2	6	4	4	4
20	0	7	3	7	7	5	7	3	9	7	2	3	5
21	4	2	3	6	5	7	5	0	3	2	0	2	3
22	0	0	0	2	3	0	7	0	3	2	5	6	2
23	2	0	5	0	0	3	0	2	9	3	2	0	2
24	3	4	0	2	3	6	3	3	0	2	0	0	2
25	5	0	3	2	0	0	3	2	5	0	2	3	2
26	9	3	2	0	13	5	3	5	0	8	4	0	4
27	2	3	0	0	0	3	2	2	2	0	3	3	2
28	5	0	6	3	0	3	0	5	3	0	0	0	2
29	5	5	0	3	4	4	3	0	7	0	5	2	3
30	0	3	0	2	1	0	3	3	2	3	0	5	2
31	2	2	0	5	4	3	2	3	7	5	7	11	4
MEAN	3	2	2	4	4	3	3	2	4	3	3	3	3

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY	14	2	5	9
JUN	30	2	5	10
JUL	29	2	5	9
AUG	25	2	5	15
SEP	18	2	5	17
OCT	31	4	9	28
NOV	30	3	7	22
DEC	30	3	7	13
YEAR	207	3	9	28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	DATA MISSING							
APR	DATA MISSING							
MAY	137	24	0	0	0	0	0	161
JUN	324	34	0	0	0	0	0	358
JUL	299	36	0	0	0	0	0	335
AUG	249	43	2	0	0	0	0	294
SEP	195	14	1	1	0	0	0	211
OCT	237	115	16	1	1	0	0	370
NOV	251	102	5	0	1	0	0	359
DEC	255	86	8	0	0	0	0	349
YEAR	1947	454	32	2	2	0	0	2437

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82	0	0.3	1.0	1.7	2.8	5.5	7.0	9.2	10.7	28	2.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH JAN 71

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
HOUR DAY													
1	2	1	2	2	0	1	2	3	9	11	10	18	5
2	16	4	5	2	5	2	5	5	5	5	1	5	5
3	2	2	0	2	4	5	2	2	2	0	2	0	2
4	0	0	1	1	2	2	2	1	4	2	3	2	2
5	7	3	4	3	5	2	2	3	1	4	2	0	3
6	1	5	2	2	2	2	0	1	8	3	4	2	3
7	2	2	4	5	11	4	2	5	4	3	3	5	4
8	0	0	1	7	7	3	3	0	5	4	3	11	4
9	4	0	4	3	0	0	1	1	2	2	3	1	2
10	2	2	5	4	8	4	3	6	4	3	3	2	4
11	3	2	4	5	9	3	4	5	4	7	3	2	4
12	2	4	2	2	2	0	2	2	6	4	3	3	3
13	2	0	0	0	0	2	0	0	1	0	2	2	1
14	2	2	2	1	7	6	5	5	0	7	2	3	4
15	2	4	2	2	7	2	3	3	2	4	5	0	3
16	0	0	5	2	2	2	6	3	5	5	15	0	5
17	1	7	4	4	6	2	2	2	0	5	2	5	3
18	0	0	3	1	6	0	2	2	5	2	2	0	2
19	2	0	0	2	3	3	1	0	2	5	2	2	2
20	0	2	2	0	3	3	3	0	3	4	3	3	2
21	5	5	5	3	8	2	3	5	3	2	2	3	4
22	0	2	3	3	5	2	3	2	2	2	3	5	3
23	4	6	5	2	0	3	3	0	0	0	2	3	2
24	4	0	3	3	8	5	3	5	4	3	4	7	4
25	5	7	7	7	6	10	7	2	2	8	2	3	6
26	3	3	2	2	0	0	0	0	3	0	3	2	2
27	0	0	2	1	0	0	0	3	0	3	3	0	1
28	2	5	3	1	3	2	0	3	5	3	3	3	3
29	2	2	5	7	5	3	0	2	2	1	5	0	2
30	5	3	4	2	2	0	1	3	1	3	0	2	2
31	4	3	0	0	0	2	0	5	3	2	2	1	2
MEAN	3	2	3	3	4	2	2	3	3	4	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH FEB 71

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
HOUR DAY													
1	2	0	2	3	5	2	2	0	3	2	4	1	2
2	3	5	9	7	4	5	3	2	4	2	3	4	4
3	4	2	5	6	8	7	7	3	2	0	4	2	4
4	2	4	2	2	3	0	6	6	2	1	2	2	3
5	2	2	0	0	1	1	2	2	2	2	2	1	1
6	0	0	0	0	2	0	0	2	3	2	1	1	1
7	2	2	5	7	4	0	3	1	3	1	2	2	3
8	2	2	2	4	4	0	3	2	2	2	3	1	2
9	1	1	2	0	4	0	1	1	2	2	4	2	2
10	4	0	4	1	3	4	4	2	2	3	2	2	3
11	2	0	3	0	1	4	1	2	3	2	1	1	2
12	4	2	3	4	5	4	3	3	3	6	2	0	3
13	2	0	0	3	4	1	2	3	0	1	0	2	2
14	2	1	0	2	1	3	2	2	2	2	4	1	2
15	0	2	0	3	2	2	2	4	2	3	2	2	2
16	1	0	2	3	3	1	0	1	2	0	0	1	1
17	2	2	2	2	2	2	6	4	2	2	1	2	2
18	0	2	3	2	2	5	5	3	2	3	2	4	3
19	0	2	0	2	0	3	1	3	1	2	0	1	1
20	3	2	3	2	1	1	5	8	12	5	4	2	4
21	2	2	2	1	2	3	2	1	2	3	2	2	2
22	0	2	0	0	0	0	0	0	0	2	2	2	1
23	2	0	0	1	2	0	3	2	2	2	1	4	2
24	1	0	1	1	3	2	3	3	2	4	2	4	2
25	2	7	4	3	5	3	3	2	2	4	5	2	4
26	0	4	2	2	2	2	2	3	6	3	3	2	3
27	7	5	3	0	3	2	2	2	1	1	0	0	2
28	0	0	0	2	0	2	2	0	2	2	2	0	1
MEAN	2	2	2	2	3	2	3	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	1	2	2	0	2	0	2	1	3	4	2
2	5	4	7	6	7	0	2	1	3	3	8	0	4
3	1	3	2	5	4	2	2	1	2	2	2	4	3
4	2	2	2	3	0	0	0	3	2	0	3	2	2
5	2	2	1	6	1	3	0	2	***	4	5	7	3
6	4	0	2	0	4	2	2	1	0	2	1	3	2
7	2	4	1	2	1	1	7	3	1	0	5	0	2
8	2	0	1	2	2	1	0	1	0	2	1	2	1
9	2	1	2	4	4	4	2	1	0	0	3	5	2
10	4	4	5	2	2	3	0	2	0	2	1	1	2
11	0	4	0	3	0	1	3	2	2	5	6	9	3
12	3	4	5	9	2	1	2	3	2	1	1	5	3
13	1	2	1	3	3	3	2	2	2	6	7	3	3
14	8	7	5	2	5	7	4	5	4	2	4	5	5
15	2	5	3	2	3	2	2	3	3	2	0	2	2
16	2	2	0	7	3	1	2	0	2	0	2	1	2
17	2	1	2	2	0	0	0	0	2	0	2	2	1
18	1	2	4	6	1	2	2	0	2	2	1	2	2
19	3	2	3	2	2	1	2	1	3	5	1	2	2
20	1	2	7	7	4	4	5	1	3	1	2	1	3
21	2	1	1	2	1	0	2	0	2	3	3	0	1
22	2	2	2	2	2	0	0	0	2	1	2	5	2
23	2	5	7	12	3	5	0	2	2	0	0	0	3
24	0	0	3	4	2	3	5	0	2	0	0	3	2
25	2	2	0	5	4	0	3	3	7	0	2	2	3
26	3	3	0	0	0	2	0	2	0	0	2	2	1
27	3	3	0	3	4	2	0	0	0	0	0	1	1
28	0	0	3	2	5	2	2	2	2	6	2	3	2
29	2	3	3	2	2	0	3	3	2	5	2	2	2
30	3	2	0	0	1	0	0	0	2	2	3	5	2
31	5	7	9	11	4	0	0	0	3	3	2	2	4
MEAN	2	3	3	4	3	2	2	1	2	2	2	3	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	2	1	0	5	12	0	3	3	2	3
2	3	4	4	11	4	3	5	2	***	3	4	1	4
3	3	0	0	0	1	1	2	2	3	2	1	2	1
4	3	2	1	1	2	2	0	2	1	1	2	3	2
5	4	3	5	4	3	1	1	2	0	0	2	2	2
6	1	2	0	2	3	2	3	2	0	2	2	1	2
7	1	0	0	2	2	2	0	3	1	2	2	2	1
8	1	1	0	2	4	3	1	3	3	3	4	3	2
9	3	3	1	1	2	2	2	3	4	2	3	4	3
10	1	3	1	1	0	1	0	1	1	2	2	6	2
11	5	10	13	9	4	1	1	2	1	3	2	3	5
12	3	1	4	5	3	8	7	2	3	2	3	4	4
13	3	4	11	7	3	2	2	1	1	3	1	0	3
14	0	1	2	1	2	2	2	3	2	2	0	1	2
15	2	2	3	3	0	2	2	3	0	1	3	2	2
16	2	1	2	1	2	0	0	2	***	1	2	0	1
17	3	1	3	2	3	2	3	1	2	2	2	0	2
18	0	4	1	0	1	3	2	2	2	4	3	2	2
19	3	5	2	3	2	6	0	0	0	4	4	3	3
20	3	2	2	2	3	1	2	1	0	0	2	2	2
21	10	6	3	2	1	2	0	0	0	0	1	0	2
22	2	1	1	1	2	2	1	2	2	1	0	1	1
23	1	2	3	2	1	1	1	2	2	3	0	3	2
24	2	2	2	2	0	2	2	1	3	2	2	2	2
25	3	1	0	0	2	0	1	2	2	2	1	2	1
26	2	1	2	3	0	1	***	2	2	2	1	0	1
27	0	0	1	0	0	1	0	1	2	1	0	1	1
28	2	1	2	0	0	3	3	6	3	3	6	1	1
29	3	3	1	2	1	0	1	2	2	2	1	4	3
30	2	1	2	3	0	0	0	0	0	0	2	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH MAY 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	9	11	7	3	2	1	0	1	0	0	3
2	0	1	2	3	3	2	1	3	2	3	0	0	2
3	0	1	1	2	0	2	2	0	0	0	0	2	1
4	0	4	2	4	3	0	3	1	0	0	0	1	2
5	2	2	2	5	12	8	5	5	4	1	2	5	4
6	2	0	2	2	0	2	2	2	1	3	5	3	2
7	4	1	1	4	3	0	2	1	0	2	3	2	2
8	4	3	3	0	0	1	2	0	3	2	2	3	2
9	4	11	7	7	2	2	2	0	0	2	1	2	3
10	5	4	4	3	3	2	0	1	2	0	0	2	2
11	0	8	6	5	7	3	4	2	4	0	1	4	4
12	5	3	0	0	***	***	***	***	***	***	***	***	***
13	***	***	***	***	***	***	***	***	***	***	***	***	***
14	2	0	2	0	0	2	0	2	0	0	2	6	***
15	2	4	7	3	2	2	5	3	3	1	3	0	1
16	2	3	4	4	2	0	5	2	3	2	0	3	3
17	2	0	1	4	0	0	3	0	0	1	2	3	1
18	5	4	2	4	3	4	2	3	2	5	4	3	3
19	3	3	4	4	5	5	2	2	2	3	2	6	3
20	1	1	2	3	1	2	2	1	2	2	1	2	2
21	0	3	6	4	0	5	2	1	***	2	0	2	2
22	0	2	1	1	1	0	0	2	0	0	1	1	1
23	2	2	2	2	1	2	1	2	0	0	1	0	1
24	2	1	2	1	3	1	2	0	2	0	2	0	1
25	2	2	1	1	2	1	1	0	6	1	4	2	2
26	1	0	2	4	3	1	1	0	4	0	2	2	2
27	1	0	2	1	0	2	0	0	0	3	6	2	2
28	2	0	2	0	2	0	2	***	2	3	9	3	2
29	1	4	3	3	2	0	2	0	0	2	4	6	2
30	3	3	2	2	3	0	0	0	2	2	3	2	2
31	2	0	0	2	2	1	1	2	1	3	0	0	1
MEAN	2	2	3	3	3	2	2	1	2	2	2	2	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH JUN 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	1	1	2	2	3	1	2	0	2	0	1
2	2	0	1	2	2	1	0	1	2	5	4	0	2
3	4	7	8	8	2	3	3	2	2	2	4	2	4
4	3	5	3	9	10	3	2	3	2	1	2	2	4
5	3	2	0	2	2	0	2	0	2	2	3	0	2
6	3	0	0	0	3	0	2	3	5	6	3	2	2
7	2	2	4	4	4	3	3	2	2	4	3	2	3
8	2	2	2	6	2	2	2	2	0	2	0	1	2
9	1	1	2	2	0	0	1	0	2	2	2	1	1
10	0	0	0	0	0	2	0	0	0	0	2	2	1
11	0	2	2	2	3	1	2	3	0	0	2	2	2
12	4	1	1	2	2	3	3	2	2	2	5	6	3
13	10	4	3	2	0	2	2	2	2	4	2	2	3
14	2	2	3	2	2	1	2	0	2	2	2	0	2
15	2	3	1	2	2	2	2	2	1	1	2	2	2
16	2	3	0	1	3	2	1	1	2	2	3	1	2
17	4	4	3	2	9	2	1	3	2	3	2	6	3
18	3	6	5	5	0	***	***	***	***	0	4	6	4
19	5	3	4	4	2	3	4	4	4	2	6	4	4
20	4	4	4	4	4	5	4	7	3	2	3	5	4
21	0	2	1	0	***	***	4	2	2	2	0	3	2
22	0	1	2	2	1	1	0	3	1	6	3	1	2
23	2	2	4	5	3	3	2	2	3	5	0	4	3
24	2	3	2	3	0	0	2	1	3	3	2	0	2
25	0	2	2	2	1	0	1	3	0	2	1	2	1
26	2	2	0	2	3	2	0	4	0	0	3	2	2
27	2	5	2	7	1	6	4	3	0	2	3	2	3
28	1	0	1	3	2	2	1	2	0	2	2	0	1
29	0	1	2	2	2	2	0	1	2	3	0	2	1
30	6	3	4	1	6	2	1	2	1	1	2	4	3
MEAN	2	2	2	3	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	2	3	0	1	0	2	3	0	0	1
2	2	3	0	0	3	****	0	2	0	0	2	0	1
3	0	4	4	0	0	0	0	2	0	0	0	2	1
4	0	2	0	1	0	0	4	2	2	0	0	5	1
5	0	5	3	3	0	3	2	1	3	3	3	2	2
6	0	0	0	0	3	0	2	0	2	0	2	3	1
7	0	4	4	5	3	2	2	0	0	2	0	2	2
8	0	3	2	0	0	2	3	0	3	5	6	5	2
9	2	3	0	3	3	2	****	****	****	****	****	****	****
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13	****	****	****	****	****	****	3	2	3	0	2	0	****
14	0	2	4	0	2	0	0	2	0	2	2	0	1
15	3	0	2	2	3	2	0	0	0	3	0	1	1
16	0	6	0	0	6	2	0	7	0	4	3	2	3
17	3	0	2	1	0	2	0	5	2	0	0	5	2
18	2	1	0	2	0	2	0	0	0	2	2	0	1
19	3	0	2	0	0	2	2	0	3	0	2	0	1
20	0	0	2	4	0	5	3	2	0	0	2	6	2
21	5	3	0	4	2	3	2	0	2	0	2	0	2
22	1	2	3	2	9	3	0	4	3	0	6	0	3
23	5	0	0	5	4	5	5	0	3	1	0	2	3
24	2	5	0	5	3	0	2	0	4	2	3	0	2
25	2	3	3	0	0	2	3	4	0	0	5	5	2
26	2	3	3	3	2	2	6	0	2	0	3	0	2
27	3	2	1	0	0	0	0	0	4	0	3	0	2
28	0	5	2	0	0	0	0	0	2	2	3	5	2
29	0	4	0	5	0	3	4	0	1	5	2	0	2
30	0	4	0	0	0	0	2	1	3	5	0	2	1
31	0	3	0	3	1	1	0	3	0	3	2	0	1
MEAN	1	3	1	2	2	2	2	1	2	2	2	2	2

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	0	5	0	5	2	1	3	0	2	0	0	2
2	2	2	3	1	2	2	0	0	2	2	3	1	2
3	2	4	3	5	0	0	0	2	0	2	0	0	2
4	3	3	2	4	0	4	0	0	1	0	2	2	2
5	0	2	3	0	0	3	2	0	2	0	3	1	1
6	2	0	0	0	0	0	0	0	2	0	3	3	2
7	0	5	2	0	3	0	0	5	3	0	2	5	2
8	0	2	0	2	5	3	3	2	0	5	4	7	3
9	0	0	0	2	5	3	0	0	3	2	3	3	2
10	4	0	5	2	5	2	0	0	3	2	3	3	2
11	0	0	3	0	2	2	1	2	0	1	3	2	1
12	1	3	2	0	0	2	0	2	2	0	3	2	1
13	3	0	5	5	3	2	2	3	3	0	6	0	3
14	3	2	3	5	0	2	2	0	3	2	2	3	2
15	0	3	0	0	0	1	0	0	1	5	2	0	1
16	3	0	2	3	0	2	0	0	3	2	4	4	2
17	3	5	0	8	8	11	2	1	6	1	2	2	4
18	2	5	4	2	4	4	3	1	0	1	1	0	2
19	2	2	10	9	5	7	1	4	3	2	6	0	4
20	2	0	3	4	2	****	2	1	1	0	2	0	2
21	0	2	0	2	1	1	2	1	0	0	2	2	1
22	0	2	1	0	2	3	2	1	0	2	0	1	1
23	1	1	0	0	2	0	0	1	1	0	0	1	1
24	1	2	4	3	2	2	0	2	0	1	2	1	2
25	3	2	2	1	0	2	2	****	4	3	2	3	2
26	1	2	2	2	2	5	2	7	4	3	3	2	3
27	2	2	0	4	2	0	3	1	3	0	3	2	2
28	0	2	0	2	2	2	0	2	0	2	2	0	1
29	5	0	2	1	2	4	3	0	2	0	1	3	2
30	5	0	4	5	4	3	0	3	1	0	0	1	2
31	1	0	1	0	2	0	0	2	2	1	2	0	1
MEAN	2	2	2	2	2	3	1	2	2	1	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH SEP 71

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	2	0	3	0	0	0	0	0	0	3	1
2	0	3	2	3	2	0	3	3	3	5	2	3	2
3	2	7	8	5	5	3	2	0	5	7	3	2	4
4	2	7	5	3	1	4	2	5	2	0	5	3	3
5	0	0	2	1	0	0	0	0	2	0	0	0	0
6	3	0	3	2	6	3	5	0	3	3	2	9	2
7	3	0	4	2	2	2	0	1	3	2	9	4	3
8	2	3	2	3	2	6	0	3	3	3	2	2	3
9	0	0	2	3	0	2	0	4	0	2	0	3	1
10	0	3	0	1	0	2	0	2	0	2	3	0	1
11	3	4	3	3	2	9	5	3	2	2	1	0	3
12	0	0	0	0	2	0	3	0	2	0	2	0	1
13	3	0	1	3	0	2	0	2	4	0	0	1	1
14	2	0	0	3	0	1	2	1	3	0	0	2	1
15	5	3	2	2	2	2	3	3	0	3	0	2	2
16	2	2	2	6	4	2	0	2	2	3	0	0	2
17	1	0	2	2	0	3	0	***	1	2	2	1	1
18	1	2	2	2	0	0	0	0	0	1	0	0	1
19	3	0	0	1	0	0	0	1	0	1	1	2	1
20	5	2	3	3	2	2	2	2	0	0	0	1	2
21	0	3	0	3	3	2	2	3	2	2	1	4	2
22	9	6	8	11	5	5	0	2	2	2	1	0	4
23	1	0	0	1	2	2	0	5	5	1	0	0	1
24	0	2	2	3	4	2	0	1	0	1	4	4	2
25	4	6	2	3	5	2	2	2	0	2	2	2	3
26	0	1	1	1	0	0	0	1	2	2	1	2	1
27	0	2	0	0	1	2	2	1	0	2	2	1	1
28	2	2	1	0	3	0	4	1	2	3	2	2	2
29	4	2	1	6	5	0	3	1	0	4	0	3	2
30	0	4	2	9	2	1	0	2	3	0	1	0	2
MEAN	2	2	2	3	2	2	1	2	2	2	1	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH OCT 71

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	3	3	1	5	3	5	****	****	****	****	3
2							- DATA MISSING -						
3							- DATA MISSING -						
4	****	****	****	****	****	****	****	****		2	0	2	****
5	4	2	4	5	2	3	2	4	2	2	4	2	3
6	4	1	5	0	9	0	0	2	2	0	1	0	2
7	0	1	2	0	0	0	4	3	5	4	1	3	2
8	5	3	5	3	9	2	0	2	6	0	3	3	3
9	2	3	4	0	2	2	6	0	7	0	2	2	3
10	4	2	2	3	2	3	0	2	4	2	3	3	3
11	4	2	3	2	0	2	0	2	0	2	3	3	2
12	2	2	1	3	7	1	1	2	0	2	3	1	2
13	2	3	1	1	4	4	4	2	0	0	2	4	2
14	2	4	2	7	4	6	4	****	6	7	4	4	5
15	8	8	7	9	8	4	8	2	5	1	12	6	7
16	7	4	7	6	8	1	4	6	4	2	2	2	4
17	0	3	3	2	3	1	4	2	2	1	6	2	2
18	4	2	2	2	3	2	4	5	5	1	4	2	3
19	1	2	5	2	4	2	0	3	5	3	0	0	2
20	3	3	2	9	8	7	4	3	0	5	3	8	4
21	1	5	7	7	7	2	2	3	7	3	5	8	5
22	8	4	2	4	7	3	4	4	2	6	4	4	4
23	2	6	2	8	0	0	0	0	2	4	3	2	2
24	0	2	5	2	2	0	0	0	2	2	3	1	2
25	5	1	4	2	2	2	3	3	6	0	0	0	2
26	1	2	1	0	1	1	3	****	3	0	4	1	2
27	4	2	2	2	3	7	6	2	1	6	2	3	3
28	2	0	8	7	3	2	3	1	0	3	6	0	3
29	3	1	0	1	1	0	1	0	5	0	4	0	1
30	4	1	4	7	5	8	2	4	2	3	1	4	4
31	2	0	5	0	2	3	5	4	4	7	2	0	3
MEAN	3	2	4	4	4	3	3	3	3	2	3	3	3

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	5	0	16	5	5	0	2	2	3	3	6	4
2	0	0	3	1	3	3	0	1	2	3	2	5	2
3	3	4	3	2	5	3	2	0	***	2	3	7	3
4	1	3	1	0	4	4	0	0	3	2	3	5	2
5	6	2	5	2	2	4	0	0	0	2	3	5	2
6	3	0	3	2	0	5	1	2	1	2	2	2	2
7	1	0	4	0	2	2	3	0	3	1	4	2	2
8	3	3	0	0	3	3	2	4	2	5	5	0	3
9	5	0	2	0	2	8	9	2	3	7	5	5	4
10	4	8	2	7	2	3	4	3	2	1	1	0	3
11	3	0	4	3	3	3	2	2	4	5	4	4	3
12	3	7	7	11	15	11	7	4	2	8	5	4	7
13	5	6	6	6	0	0	0	1	3	0	2	1	3
14	2	2	0	2	0	5	0	0	4	0	2	2	2
15	0	4	1	2	2	2	1	7	***	4	8	13	4
16	5	3	0	0	4	4	2	4	2	3	1	2	2
17	3	0	3	5	0	6	3	3	3	3	2	5	3
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23	****	****	****	****	****	2	0	2	0	0	0	0	****
24	2	0	0	3	3	0	0	3	3	0	5	5	2
25	3	2	5	13	11	5	4	2	8	7	4	3	6
26	6	9	3	7	10	5	3	2	3	5	7	5	5
27	4	3	0	2	3	0	3	0	2	4	0	6	2
28	10	3	3	2	1	3	1	1	2	4	0	3	3
29	0	1	0	2	3	0	1	3	0	0	0	0	1
30	2	0	3	0	3	4	3	0	3	3	0	6	2
MEAN	3	3	2	4	4	4	2	2	2	3	3	4	3

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	5	3	2	3	2	5	3	11	10	4
2	7	5	5	11	12	8	5	2	2	4	4	5	6
3	5	4	2	2	9	3	4	2	2	3	3	0	3
4	2	2	2	2	1	2	0	0	2	2	3	0	2
5	5	0	2	0	2	0	0	0	0	2	4	0	1
6	0	0	3	0	3	4	0	2	2	3	1	2	2
7	6	4	7	7	3	2	0	2	0	2	6	0	3
8	2	2	2	5	4	2	2	2	2	2	4	6	3
9	0	4	2	6	4	2	3	4	5	3	3	4	3
10	0	3	3	3	0	3	1	2	****	3	0	0	2
11	2	0	3	3	3	7	2	2	2	3	0	7	3
12	3	5	5	9	9	7	2	5	9	14	3	5	6
13	3	0	2	5	1	4	2	2	0	5	7	2	3
14	2	5	8	15	15	6	0	0	2	0	0	0	4
15	3	2	0	2	3	0	0	3	0	5	5	5	2
16	0	3	2	0	3	0	7	2	4	0	4	3	2
17	2	5	3	3	5	2	2	2	0	3	1	2	3
18	2	2	0	0	0	1	2	0	1	0	5	7	2
19	4	2	1	2	1	2	7	4	3	2	5	6	3
20	1	2	1	5	4	4	3	6	5	10	3	7	4
21	2	4	4	7	7	3	4	2	2	3	2	2	4
22	0	1	2	1	3	0	3	2	***	7	4	5	3
23	0	6	1	0	2	2	3	0	4	6	5	2	3
24	4	3	1	6	6	4	3	2	0	0	3	3	3
25	0	3	2	1	0	0	2	0	0	0	0	0	1
26	2	0	5	3	2	8	5	0	1	0	1	2	2
27	2	0	2	2	0	0	2	0	0	1	3	3	1
28	0	1	0	2	0	1	5	0	3	1	2	2	1
29	1	0	3	2	1	4	3	4	***	2	4	7	3
30	6	0	2	2	0	1	2	0	0	2	0	0	1
31	3	1	1	2	3	5	2	0	1	4	1	2	2
MEAN	2	2	2	4	3	3	3	2	2	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	6	18
FEB	28	2	4	12
MAR	31	2	5	12
APR	30	2	5	13
MAY	31	2	4	12
JUN	30	2	4	10
JUL	28	2	3	9
AUG	31	2	4	11
SEP	30	2	4	11
OCT	29	3	7	12
NOV	25	3	7	16
DEC	31	3	6	15
YEAR	355	2	7	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	287	78	4	2	0	0	0	371
FEB	305	29	1	0	0	0	0	335
MAR	320	49	2	0	0	0	0	371
APR	336	17	4	0	0	0	0	357
MAY	320	32	3	0	0	0	0	355
JUN	321	33	0	0	0	0	0	354
JUL	292	31	0	0	0	0	0	323
AUG	337	32	1	0	0	0	0	370
SEP	326	32	1	0	0	0	0	359
OCT	264	68	1	0	0	0	0	333
NOV	231	55	6	1	0	0	0	293
DEC	295	68	6	0	0	0	0	369
YEAR	3634	524	29	3	0	0	0	4190

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT				98	99	MAX	ARITH MEAN
				50	70	90	95				
95	0	0.3	0.9	1.6	2.4	4.5	5.9	7.7	9.1	18	2.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - CGHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	3	3	2	3	3	0	6	4	12	26	6
2	17	12	7	11	6	8	5	5	6	4	4	6	8
3	4	0	2	2	5	6	1	1	4	2	3	2	3
4	1	2	6	1	4	6	1	7	7	1	2	11	4
5	4	2	5	2	6	3	1	5	2	3	3	4	4
6	5	5	4	8	2	2	4	6	6	4	4	7	5
7	3	4	3	9	5	6	4	4	4	7	6	0	5
8	3	2	3	9	10	6	2	3	6	7	5	4	5
9	3	3	4	2	2	6	3	2	2	10	8	7	4
10	3	10	12	5	4	4	6	5	12	5	5	5	6
11	2	5	9	12	5	****	3	5	4	5	4	2	5
12	2	2	0	7	3	3	1	7	5	5	3	3	3
13	0	3	1	7	3	2	0	4	7	0	2	3	3
14	4	3	2	2	5	9	4	3	3	0	1	2	4
15	2	0	2	4	2	2	0	1	0	0	0	2	2
16	2	3	2	0	2	0	4	1	5	11	2	11	5
17	3	7	8	8	7	0	3	4	9	11	2	0	3
18	2	2	****	7	****	3	0	4	2	5	4	0	6
19	2	2	2	2	0	0	2	4	2	0	2	3	3
20	2	0	0	5	3	3	2	7	5	2	2	6	3
21	3	4	5	5	5	2	5	5	5	0	7	3	4
22	11	10	3	7	5	3	5	2	6	2	11	11	6
23	11	11	2	2	1	2	2	3	1	3	2	2	4
24	5	2	5	3	3	3	2	7	9	8	5	8	5
25	3	5	9	9	3	5	5	7	9	6	9	11	7
26	9	7	7	2	2	1	3	3	1	2	3	4	4
27	2	0	2	0	1	1	2	0	8	5	10	6	3
28	4	5	3	4	7	2	2	1	7	4	2	3	4
29	6	2	7	9	8	5	5	2	5	3	2	2	5
30	3	3	3	2	0	3	3	2	9	6	3	1	3
31	1	1	3	10	7	9	8	11	7	5	9	3	6
MEAN	4	4	4	5	4	4	3	4	5	5	5	5	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - CGHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	5	6	4	3	****	3	7	3	4	2	2	4
2	2	1	0	3	5	7	2	4	7	12	15	6	5
3	17	10	7	6	14	11	8	6	7	8	9	7	9
4	7	6	2	9	5	3	5	3	2	5	1	4	4
5	4	3	2	7	7	5	2	1	2	2	0	3	3
6	0	4	4	4	5	3	3	2	4	1	5	6	3
7	9	6	11	11	14	13	7	3	3	6	2	5	7
8	2	7	2	3	6	6	1	3	3	2	1	4	3
9	0	3	0	3	2	1	1	5	2	6	9	5	3
10	7	2	4	3	5	4	4	8	5	6	11	9	6
11	4	8	6	2	3	3	6	9	11	9	9	4	6
12	9	4	4	6	9	9	9	5	12	7	0	4	7
13	2	2	2	5	2	2	0	2	0	0	0	1	2
14	1	1	0	2	2	6	2	1	2	3	2	6	2
15	2	6	6	7	5	4	3	3	2	1	5	4	4
16	1	6	2	7	8	7	3	0	2	8	3	4	4
17	6	5	4	11	9	7	10	9	6	5	11	2	7
18	11	4	7	7	9	5	6	3	5	4	3	5	6
19	5	2	2	5	3	2	2	0	3	3	2	3	3
20	2	2	1	2	3	1	6	5	9	2	4	2	3
21	2	4	2	1	4	0	2	0	2	0	0	2	2
22	0	4	0	3	8	2	0	2	1	2	3	3	2
23	2	2	2	4	4	5	1	4	1	3	4	4	3
24	6	4	2	2	2	2	6	2	2	1	5	5	3
25	2	4	4	6	13	4	2	6	10	8	7	12	7
26	9	8	9	5	11	8	5	6	7	7	4	4	7
27	5	5	4	3	1	2	2	0	3	3	4	4	3
28	3	2	0	0	2	7	3	2	2	2	2	2	2
MEAN	4	4	3	5	6	5	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	1	2	0	2	3	2	0	3	2	3	2
2	2	3	3	7	11	2	0	0	2	4	4	4	4
3	0	2	0	2	4	0	0	0	3	0	3	2	2
4	0	2	0	2	5	3	2	0	0	0	1	1	1
5	1	3	2	5	3	2	4	4	2	8	10	5	4
6	5	6	2	2	2	3	0	2	3	2	0	1	2
7	0	2	1	2	0	1	1	2	3	3	5	2	2
8	3	0	2	2	0	0	5	4	2	2	0	0	2
9	0	0	1	0	0	2	1	2	2	3	2	6	2
10	3	3	2	7	7	2	2	1	1	3	0	4	3
11	0	2	2	0	1	0	2	0	0	3	7	6	2
12	7	4	8	9	11	3	3	2	3	2	1	4	5
13	3	3	2	4	4	5	6	6	4	5	7	12	5
14	10	4	8	8	4	8	4	4	5	5	7	6	6
15	8	7	8	4	6	5	2	0	0	4	0	6	4
16	3	5	0	0	3	0	1	0	0	2	0	0	1
17	4	2	0	0	2	1	2	2	0	0	5	0	2
18	2	0	1	7	5	3	4	1	0	4	6	5	3
19	2	0	1	0	0	0	0	1	4	8	6	0	2
20	5	0	5	5	2	2	3	0	0	1	0	2	2
21	2	0	5	0	2	2	0	1	0	0	2	5	2
22	1	1	3	3	3	3	2	3	2	0	3	5	2
23	5	5	5	2	2	1	0	4	2	2	0	0	2
24	4	1	3	3	1	0	2	2	1	2	4	2	2
25	0	2	2	4	1	2	4	0	2	3	4	4	2
26	1	1	0	2	3	3	3	0	2	0	3	2	2
27	9	1	7	4	3	0	0	2	1	2	2	2	3
28	1	2	2	0	4	1	2	3	0	1	2	2	2
29	3	4	2	2	6	2	***	2	1	2	0	3	2
30	4	2	2	0	2	2	3	2	2	2	0	0	2
31	5	2	3	7	8	1	0	1	2	5	0	1	3
MEAN	3	2	3	3	3	2	2	2	2	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	2	3	0	2	3	7	5	7	2	3
2	5	3	2	5	3	0	3	2	1	4	0	2	3
3	0	1	3	0	3	1	1	2	2	0	0	1	1
4	1	7	2	4	1	1	0	2	0	2	1	2	2
5	0	0	4	5	***	3	2	0	0	2	4	6	2
6	2	3	2	2	4	0	2	0	2	0	3	3	1
7	0	5	0	0	0	2	0	1	0	2	2	0	1
8	0	3	2	2	2	0	7	3	4	0	2	7	3
9	7	9	7	6	7	3	6	1	5	0	2	0	4
10	0	3	3	0	****	****	****	****	****	****	****	****	****
11	****	****	4	3	8	2	3	0	3	3	8	8	4
12	9	11	8	3	7	13	10	11	4	6	6	9	8
13	4	3	6	9	0	2	0	1	2	0	4	4	3
14	0	3	3	0	1	****	2	0	1	0	1	1	1
15	2	0	1	3	2	2	2	1	2	2	0	1	2
16	1	2	0	2	0	2	1	1	2	2	2	****	1
17	****	****	0	0	3	1	0	1	6	2	0	4	2
18	1	3	5	6	2	1	3	0	1	0	2	2	2
19	5	5	2	3	2	****	4	5	9	5	1	1	4
20	4	2	1	5	2	2	0	3	6	3	2	1	3
21	3	0	0	1	2	3	0	0	1	0	0	0	1
22	0	2	2	3	2	0	1	1	2	0	2	0	1
23	3	1	2	1	3	2	2	2	2	0	2	1	2
24	3	2	3	3	2	2	2	0	2	0	1	1	2
25	1	0	1	2	1	2	0	0	0	0	2	1	1
26	2	1	0	1	2	****	****	0	2	1	2	1	1
27	0	1	2	3	0	1	0	1	1	1	3	0	1
28	1	2	1	2	1	1	1	1	1	6	2	4	2
29	6	5	1	4	1	0	1	5	2	1	2	2	3
30	1	1	1	3	2	1	2	0	1	1	1	1	1
MEAN	2	3	3	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	1	2	4	2	2	6	1	4	2	3	3	3
2	3	1	1	0	4	2	1	2	2	1	4	2	2
3	2	0	1	2	1	***	0	0	1	1	0	0	1
4	0	1	2	0	1	0	1	1	0	1	1	4	1
5	0	1	5	7	12	1	1	4	3	0	3	6	1
6	5	2	3	1	4	1	2	4	1	0	0	4	2
7	2	2	4	8	7	2	1	3	0	0	4	2	3
8	3	2	1	3	0	2	4	2	2	2	6	6	3
9	3	5	7	3	1	0	1	3	1	2	5	3	3
10	2	3	3	4	1	****	0	2	0	1	0	0	1
11	0	2	0	0	0	2	0	1	0	4	4	6	2
12	4	5	4	8	8	3	1	1	6	2	5	5	4
13	7	4	5	7	3	5	0	2	0	2	0	3	3
14	2	0	4	3	0	4	0	3	1	4	4	1	2
15	0	4	7	1	1	2	1	2	1	0	3	3	1
16	2	3	2	6	0	4	1	3	3	3	5	6	4
17	2	3	2	0	3	2	3	4	1	2	0	2	2
18	0	0	1	2	2	1	1	2	1	2	3	3	1
19	2	4	2	3	1	4	1	1	4	4	6	2	3
20	3	5	6	7	7	4	3	2	5	2	2	3	4
21	1	0	4	3	0	3	3	3	2	3	1	1	2
22	0	1	0	3	3	0	0	2	2	2	2	1	1
23	1	0	0	3	1	1	0	2	0	0	1	2	1
24	1	0	0	1	0	0	1	2	1	2	4	0	1
25	0	2	1	0	1	2	5	2	1	0	0	4	2
26	2	0	3	5	3	2	2	1	2	2	2	4	2
27	1	2	2	0	1	1	0	3	2	2	5	2	2
28	2	2	1	2	0	2	0	0	4	5	6	4	2
29	6	4	3	2	3	1	2	0	2	4	5	3	3
30	7	5	6	2	2	2	2	0	0	0	2	2	3
31	0	0	4	0	0	2	0	2	2	2	1	3	1
MEAN	2	2	3	3	2	2	1	2	2	2	3	3	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	2	3	2	0	3	0	2	1	1	0	1
2	3	2	0	0	1	1	5	7	6	7	2	4	3
3	6	4	0	0	2	1	2	2	2	3	5	2	3
4	2	2	7	6	1	2	0	3	1	1	2	2	2
5	3	1	0	2	0	1	0	2	2	1	2	1	1
6	2	2	1	3	2	2	3	3	2	3	2	2	2
7	6	2	2	3	4	0	2	3	2	3	2	0	3
8	0	1	9	2	2	0	0	0	2	0	0	4	0
9	2	0	2	2	0	2	0	0	2	2	2	1	1
10	2	3	1	0	1	2	0	0	3	4	3	2	2
11	6	7	3	1	0	2	2	0	0	3	3	3	3
12	3	5	5	5	9	2	6	2	4	4	6	6	5
13	6	3	2	0	1	1	2	2	5	3	4	3	3
14	5	2	5	0	2	2	0	0	0	2	0	0	2
15	0	2	5	0	4	2	2	0	0	0	2	0	2
16	2	1	0	2	0	0	0	2	0	2	5	0	1
17	5	0	3	3	5	0	4	0	2	5	2	7	3
18	2	5	5	5	9	7	0	0	2	1	6	0	4
19	5	5	3	5	2	3	0	6	2	1	6	0	4
20	2	5	3	3	5	5	0	5	0	6	2	2	3
21	2	5	3	3	2	2	2	0	2	0	2	3	2
22	2	2	2	3	0	0	0	0	3	2	2	3	2
23	3	3	3	9	0	0	0	3	2	0	0	2	2
24	0	3	2	0	2	0	0	3	2	0	3	2	1
25	0	0	2	0	1	0	2	0	8	0	0	0	1
26	0	3	0	0	0	2	3	0	2	0	0	4	1
27	4	1	3	7	0	2	3	2	1	5	2	0	2
28	0	3	0	7	4	2	0	3	2	0	1	3	2
29	0	3	3	2	2	3	0	0	4	2	3	2	2
30	5	2	3	7	9	2	5	2	6	5	3	5	5
MEAN	3	3	3	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	3	0	3	8	0	0	2	0	0	0	3	2
2	0	0	0	0	0	2	0	3	0	3	4	3	1
3	0	3	0	0	3	0	1	0	2	0	0	2	1
4	6	0	2	0	0	1	2	2	2	2	0	0	1
5	0	5	5	2	1	1	0	0	2	2	4	2	2
6	2	0	2	5	1	0	2	0	3	3	0	2	2
7	1	4	1	1	9	0	0	3	0	0	2	2	2
8	3	3	6	2	5	2	5	3	9	0	3	4	4
9	0	1	3	2	0	0	0	4	0	4	0	1	1
10	2	0	2	0	5	0	0	0	0	2	0	2	1
11	2	2	0	2	0	0	5	0	1	2	2	0	1
12	3	3	0	0	2	5	0	0	0	0	0	3	1
13	0	5	6	5	2	5	3	0	3	0	2	0	3
14	1	0	5	2	0	0	2	5	3	3	0	5	2
15	5	5	0	11	4	7	0	4	0	2	5	2	4
16	5	5	0	8	7	2	2	2	0	5	0	0	3
17	2	0	2	2	0	2	0	2	0	0	6	2	2
18	1	2	2	0	0	0	2	0	0	4	2	0	1
19	0	0	2	6	0	0	2	0	0	0	2	0	1
20	2	0	0	0	5	0	7	0	0	5	11	2	3
21	6	5	0	9	7	3	6	0	3	2	2	2	4
22	5	9	0	7	5	9	6	5	0	7	3	5	5
23	0	2	0	7	5	2	9	3	0	2	5	1	4
24	3	2	2	3	2	5	0	4	0	1	1	0	2
25	2	3	0	4	0	2	0	0	0	1	0	5	1
26	2	5	2	3	2	0	1	2	5	1	2	2	2
27	0	3	0	0	3	3	0	3	0	0	2	0	1
28	2	3	3	0	3	2	***	1	1	3	3	2	2
29	2	2	1	4	3	4	2	2	2	2	2	0	2
30	2	2	2	2	1	2	0	2	3	2	0	3	2
31	0	0	2	2	2	1	2	0	3	0	0	4	1
MEAN	2	2	2	3	3	2	2	2	1	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	1	3	0	2	0	0	0	0	2	2	1
2	0	3	2	2	3	2	3	2	2	2	1	2	2
3	2	3	4	4	0	***	2	2	0	1	0	1	2
4	2	1	2	2	2	2	0	0	4	0	0	0	1
5	2	0	2	3	0	1	0	3	0	2	2	3	2
6	2	2	0	2	0	0	2	2	0	2	0	2	1
7	2	2	2	1	0	2	3	0	2	2	2	2	2
8	2	4	2	0	0	1	2	2	2	2	0	3	2
9	4	3	1	4	2	***	3	2	2	2	3	4	3
10	2	0	5	6	5	5	2	3	2	2	1	1	3
11	0	3	2	2	1	2	1	2	1	1	2	2	2
12	0	2	2	2	0	2	0	4	0	2	2	2	2
13	1	0	4	2	4	2	2	0	5	1	6	4	3
14	5	2	4	6	5	2	2	2	4	2	1	1	3
15	0	2	0	0	0	2	0	2	1	1	2	2	1
16	2	3	2	4	0	0	3	2	3	4	2	4	2
17	4	2	6	5	2	2	3	2	2	2	2	4	3
18	0	2	2	3	2	1	3	1	2	2	1	0	2
19	0	5	3	5	5	6	2	2	3	2	2	3	3
20	3	2	3	3	0	2	1	0	2	2	5	0	2
21	3	2	4	3	2	5	0	0	2	2	3	2	2
22	3	0	2	3	3	2	0	0	0	0	2	0	1
23	2	0	0	0	0	0	2	0	1	0	2	2	1
24	3	1	2	2	0	2	0	0	0	2	0	2	1
25	3	0	3	2	2	3	3	2	4	3	4	5	3
26	2	3	3	2	2	2	4	2	3	3	2	2	3
27	0	2	0	3	2	2	6	2	2	0	0	0	2
28	2	1	0	2	0	3	2	1	3	2	2	2	2
29	2	0	3	2	2	3	2	2	3	2	2	3	2
30	2	0	3	2	2	0	3	0	2	0	2	0	1
31	2	2	0	4	2	4	0	3	0	2	0	3	2
MEAN	2	2	2	3	2	2	2	1	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	3	3	0	0	2	0	1	2	2	0	1
2	3	3	3	4	2	3	2	2	3	2	4	7	3
3	7	7	7	9	4	3	0	6	4	3	3	8	5
4	3	4	5	2	5	2	1	3	2	3	2	2	3
5	3	0	2	0	5	2	0	2	2	0	6	2	3
6	3	2	2	2	3	8	2	3	2	3	2	3	0
7	5	0	5	0	0	2	2	0	3	2	2	7	2
8	5	2	3	7	4	7	3	6	5	2	2	2	4
9	3	0	2	0	3	0	2	0	2	1	3	2	2
10	5	2	3	3	0	****	****	****	****	****	****	****	****
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14	****	****	****	****	4	2	2	2	4	4	2	3	3
15	8	3	3	2	7	4	4	1	2	5	2	5	4
16	2	0	0	7	3	6	2	0	2	5	5	3	3
17	3	0	6	0	1	2	5	2	0	1	5	0	2
18	2	0	2	4	4	4	2	0	0	3	4	0	2
19	2	2	1	2	2	0	0	6	0	1	1	4	2
20	3	2	4	4	2	0	2	0	2	0	0	1	2
21	0	0	2	0	2	0	0	2	3	0	0	3	1
22	7	8	6	7	14	2	2	3	2	0	5	2	5
23	5	2	3	6	2	4	4	4	2	4	0	0	3
24	2	4	4	2	3	0	0	2	0	4	1	8	3
25	6	3	4	4	2	0	3	0	0	0	0	6	2
26	2	1	1	0	2	0	2	6	0	0	1	4	2
27	0	2	2	0	5	1	0	2	1	2	0	1	1
28	2	0	4	0	3	4	2	2	8	0	10	8	4
29	5	4	0	7	5	2	0	0	0	2	1	4	3
30	1	5	2	4	4	3	2	2	0	0	7	6	3
MEAN	3	2	3	3	3	3	2	2	2	2	3	3	3

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	6	2	3	4	4	6	4	7	7	11	8	5
2	3	3	8	8	2	2	4	5	4	2	5	10	5
3	6	4	0	0	1	1	3	0	0	2	0	2	2
4	2	4	2	11	3	2	2	2	1	1	4	2	3
5	4	0	6	5	8	3	2	3	4	4	3	2	4
6	2	1	2	4	4	4	1	2	2	0	4	2	2
7	2	0	4	2	0	2	2	0	1	0	0	0	1
8	2	6	2	4	4	3	4	1	2	3	3	8	4
9	0	0	0	0	0	0	0	0	4	0	5	5	1
10	2	2	2	2	3	4	0	1	6	7	5	6	3
11	2	1	1	3	3	6	1	1	0	1	4	2	2
12	0	0	1	2	4	****	****	****	****	****	****	****	****
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	2	2	3	4	3	3	2	2	3	2	4	4	3

PERCENTAGE OF DATA VALID - 36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - SCIENCE CENTRE DON MILLS OAMST NO 14002

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	8	26
FEB	28	4	9	17
MAR	31	3	6	12
APR	30	2	8	13
MAY	31	2	4	12
JUN	30	2	5	9
JUL	31	2	5	11
AUG	31	2	3	6
SEP	27	3	5	14
OCT	12	3	5	11
YEAR	282	3	9	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	219	130	18	1	1	0	0	369
FEB	204	113	17	1	0	0	0	335
MAR	307	61	3	0	0	0	0	371
APR	294	45	3	0	0	0	0	342
MAY	326	43	1	0	0	0	0	370
JUN	299	61	0	0	0	0	0	360
JUL	311	57	3	0	0	0	0	371
AUG	351	19	0	0	0	0	0	370
SEP	258	54	1	0	0	0	0	313
OCT	113	22	2	0	0	0	0	137
YEAR	2682	605	48	2	1	0	0	3338

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
91	0	0.3	1.0	1.7	2.9	5.6	7.1	9.0	10.6	26		2.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	3	1	2	3	4	2	2	5	11	16	5
2	9	5	11	9	13	15	7	3	4	3	0	3	7
3	3	2	1	2	3	4	5	3	3	5	7	3	3
4	2	2	0	2	6	6	6	8	12	10	9	0	5
5	3	2	1	2	4	4	2	4	1	1	3	4	3
6	2	2	1	3	3	4	1	4	3	3	3	4	3
7	2	5	6	3	3	6	4	4	0	1	2	4	3
8	4	2	1	4	6	13	11	11	11	12	9	8	8
9	8	10	3	4	4	3	6	3	4	3	10	9	6
10	9	5	6	5	5	4	2	4	5	3	4	4	5
11	****	****	****	****	****	6	7	11	5	5	5	2	****
12	2	2	1	2	3	2	2	2	2	3	7	3	3
13	0	0	2	5	9	8	6	7	3	3	4	2	4
14	3	3	2	3	5	11	5	2	3	3	3	2	4
15	3	2	3	3	2	2	1	3	2	1	1	0	2
16	1	1	1	1	2	4	2	5	5	5	7	3	3
17	4	6	4	5	6	3	0	2	3	2	2	2	3
18	1	1	1	2	1	3	0	0	2	5	3	1	2
19	2	0	0	3	2	0	2	1	2	2	2	0	1
20	2	2	6	6	2	3	1	3	6	6	5	4	4
21	****	****	8	8	8	2	5	6	7	3	2	1	5
22	2	4	7	7	7	2	5	5	9	10	8	10	6
23	14	8	8	2	1	1	2	1	2	3	3	1	6
24	2	2	4	2	5	4	4	7	7	15	9	6	6
25	5	9	9	7	10	11	12	12	15	14	10	15	11
26	11	11	8	6	5	5	4	4	2	1	0	2	2
27	1	0	1	2	0	2	0	2	1	2	3	4	2
28	6	1	3	3	2	4	0	3	0	4	3	2	3
29	1	3	2	5	4	7	5	3	9	6	4	5	5
30	6	2	3	2	2	0	1	0	2	2	0	2	2
31	0	3	2	3	2	2	2	1	3	4	5	6	3
MEAN	4	3	4	4	4	5	4	4	4	5	5	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	****	****	3	4	6	1	1	2	4	4	4	3	3
2	0	1	2	7	5	2	0	2	3	6	7	5	3
3	5	6	8	9	11	8	11	9	11	10	13	12	9
4	8	7	7	7	9	10	7	7	5	6	3	5	7
5	5	0	6	5	7	8	5	5	3	2	2	4	4
6	3	0	2	1	6	2	2	3	2	4	5	6	3
7	8	8	10	13	14	9	6	2	7	5	5	3	8
8	4	2	5	2	3	6	3	2	4	2	3	****	3
9	****	****	2	2	2	2	3	1	1	2	2	2	2
10	3	4	3	5	3	5	4	2	2	2	5	5	4
11	5	7	5	7	7	12	7	9	10	10	6	9	8
12	5	3	3	5	8	9	9	14	11	12	7	2	7
13	2	1	2	0	2	2	2	1	2	2	2	2	2
14	1	1	1	1	0	1	2	0	2	2	2	1	1
15	2	2	5	3	5	5	4	2	3	3	4	0	3
16	4	2	2	3	5	4	5	7	9	8	7	8	5
17	5	8	9	7	12	13	11	7	5	6	7	7	8
18	4	2	2	3	3	9	6	****	3	3	8	5	4
19	5	1	3	2	13	7	4	3	7	5	2	4	5
20	2	1	2	2	7	5	8	15	12	9	3	2	6
21	5	2	3	2	2	0	1	0	0	2	3	2	2
22	2	2	2	5	7	7	3	5	3	6	1	3	4
23	2	2	2	7	9	9	4	5	7	4	5	3	5
24	2	4	1	2	3	7	2	1	2	3	5	3	5
25	3	5	7	2	5	5	3	2	5	9	11	16	6
26	18	15	11	18	15	17	11	11	9	11	9	18	14
27	7	7	8	5	2	2	2	2	2	2	0	3	4
28	3	2	2	2	2	2	0	0	0	2	0	2	1
MEAN	4	4	4	5	6	6	5	4	5	5	5	5	5

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH MAR 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	2	1	2	1	2	2	2	2	2	2
2	5	3	3	2	9	4	2	2	2	3	2	2	3
3	2	1	0	4	2	4	2	0	2	1	2	2	2
4	0	0	0	1	2	3	0	0	0	1	0	2	1
5	2	1	3	3	3	6	4	2	4	2	7	5	4
6	7	13	11	9	6	4	2	2	7	1	5	0	6
7	2	0	3	2	0	0	1	0	3	0	3	2	1
8	2	0	1	0	1	2	1	0	2	0	2	2	1
9	3	0	2	2	2	0	2	1	0	5	4	2	2
10	3	2	7	15	19	11	5	5	5	2	5	3	7
11	3	8	1	3	2	2	3	2	3	3	3	2	3
12	3	5	7	5	4	11	1	2	9	11	9	9	7
13	10	2	2	2	7	3	0	5	2	12	9	9	5
14	8	17	11	8	9	4	5	6	3	5	11	17	9
15	19	19	17	11	12	11	****	2	0	4	2	3	9
16	2	5	4	5	6	2	3	1	2	0	1	0	3
17	0	0	5	2	5	5	2	0	0	3	0	0	2
18	0	3	2	4	5	5	2	4	7	5	14	9	5
19	5	8	2	2	5	3	7	2	5	8	13	11	6
20	3	4	7	5	3	3	2	0	2	0	2	2	3
21	2	3	0	0	0	3	0	2	2	3	2	0	1
22	0	2	2	3	3	0	0	2	2	0	5	1	2
23	2	4	0	2	3	2	3	1	3	0	3	0	2
24	0	0	2	2	0	2	0	3	2	2	0	0	1
25	3	2	2	0	0	5	***	***	1	1	3	4	2
26	2	4	6	3	3	3	2	2	4	3	3	3	3
27	7	4	6	3	3	3	1	1	1	2	4	1	3
28	3	2	0	1	3	2	3	2	1	3	2	3	2
29	6	6	5	3	2	2	2	0	1	2	2	1	3
30	3	2	1	2	2	1	3	1	2	2	3	3	2
31	6	3	7	9	8	5	3	3	8	10	4	4	6
MEAN	4	4	4	4	4	4	2	2	3	3	4	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH APR 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	6	4	4	9	6	14	14	2	2	3	6
2	4	0	2	0	1	3	4	2	2	2	2	1	2
3	2	1	1	4	2	2	6	3	0	0	1	3	2
4	2	0	0	5	2	0	2	****	****	****	****	****	****
5							- DATA MISSING -						
6	****	****	****	****	****	****	****	****	****	9	8	3	****
7	5	4	0	1	3	0	0	3	0	3	2	2	2
8	2	0	1	4	4	0	3	1	5	6	5	6	3
9	9	13	8	11	12	9	10	9	3	3	6	0	8
10	2	0	1	0	2	0	0	1	2	1	4	0	1
11	1	5	5	6	5	7	4	2	4	3	6	14	5
12	12	12	13	11	18	17	15	12	16	11	5	8	13
13	9	6	9	3	3	1	0	1	0	1	2	3	4
14	0	2	2	4	1	2	1	2	0	4	0	5	2
15	2	5	2	4	4	2	2	0	2	1	6	2	3
16	4	1	3	1	2	1	0	2	1	6	3	7	3
17	6	7	1	2	2	1	0	0	3	2	6	6	3
18	6	7	6	3	4	2	0	0	0	1	4	0	3
19	3	0	4	2	5	4	1	4	****	11	4	0	3
20	2	4	2	4	6	11	8	6	12	14	8	10	7
21	12	7	1	1	0	2	1	1	2	1	1	0	2
22	1	2	2	0	1	3	0	1	0	1	1	2	1
23	1	2	1	1	0	1	1	1	3	2	3	5	2
24	2	4	4	6	5	2	2	1	0	2	1	1	2
25	3	2	1	3	2	1	2	1	3	2	0	3	2
26	7	2	0	1	3	0	1	0	1	0	1	3	2
27	2	1	1	2	6	0	6	2	7	5	3	2	3
28	0	2	2	3	5	6	****	****	11	7	7	9	5
29	2	2	8	7	3	2	3	3	5	0	0	5	3
30	2	3	1	2	0	3	0	1	0	5	5	2	2
MEAN	4	3	3	3	4	3	3	3	4	4	3	4	3

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	0	3	5	5	5	7	7	3	2	8	3	5
2	0	0	5	0	3	6	0	2	0	1	1	0	2
3	0	2	3	0	3	2	5	0	2	0	5	0	2
4	0	3	0	2	0	0	2	0	2	2	2	2	1
5	2	2	3	3	13	12	8	4	4	4	9	6	6
6	5	4	3	0	8	2	0	1	2	2	0	2	2
7	0	2	3	7	7	****	8	5	2	7	7	5	5
8	6	4	2	2	7	2	5	0	4	2	0	3	3
9	6	8	11	8	6	0	0	5	1	3	5	5	5
10	6	3	3	4	3	4	0	3	2	6	7	7	4
11	2	2	6	3	20	14	11	3	5	7	6	2	7
12	8	3	6	7	7	8	7	0	0	2	2	0	4
13	1	0	0	10	3	2	2	5	7	0	8	8	3
14	0	3	0	2	2	0	0	2	3	0	0	7	2
15	10	9	11	18	9	9	4	3	6	3	8	5	8
16	4	0	4	3	3	7	5	2	1	1	0	1	3
17	0	1	2	0	0	0	2	2	2	9	6	6	3
18	8	13	11	12	10	****	****	6	10	5	12	12	10
19	9	11	9	12	16	10	9	7	6	6	6	13	10
20	4	2	3	3	3	3	4	6	2	7	3	5	4
21	2	2	4	3	0	0	2	2	0	3	2	2	2
22	0	2	2	0	2	2	0	0	1	2	4	2	1
23	1	2	4	2	2	2	5	4	0	4	4	1	3
24	1	3	3	8	2	3	0	0	3	0	2	2	2
25	3	3	3	10	5	9	1	2	2	3	3	1	4
26	2	0	0	1	4	0	0	2	2	0	0	2	1
27	2	1	2	****	****	****	2	2	2	3	3	7	1
28	11	2	3	1	3	0	2	2	8	5	5	7	4
29	5	5	2	9	6	6	3	3	3	3	3	2	4
30	6	3	8	8	4	2	2	5	0	3	2	2	4
31	2	0	1	2	0	0	2	0	2	0	2	0	1
MEAN	4	3	4	4	5	4	3	3	3	3	4	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	0	3	8	7	4	3	7	2	7	7	4
2	7	3	4	5	9	9	5	9	7	11	11	12	8
3	3	9	5	5	3	2	6	3	2	2	0	0	3
4	3	3	5	9	9	6	6	1	2	2	2	1	4
5	5	0	2	2	3	2	2	2	2	2	3	4	2
6	3	1	2	2	0	7	4	4	7	7	3	4	4
7	3	6	11	7	9	5	6	5	3	9	0	9	6
8	5	3	5	7	2	0	2	3	0	2	0	0	2
9	1	0	0	2	2	2	2	0	2	1	2	2	1
10	0	2	0	7	5	5	6	3	3	6	7	10	5
11	11	11	9	13	2	7	1	7	7	8	5	7	7
12	7	5	6	15	9	7	7	5	5	7	6	10	7
13	0	7	2	2	4	3	3	3	5	4	4	4	4
14	5	5	7	5	15	7	7	5	5	9	0	5	6
15	3	2	3	6	11	7	8	11	4	5	6	5	6
16	5	2	5	11	7	8	4	4	7	7	9	6	6
17	10	9	11	11	11	9	5	8	5	3	5	9	8
18	11	5	7	15	11	6	5	9	7	4	11	7	8
19	5	7	3	15	9	7	8	3	6	7	6	3	6
20	5	2	4	7	3	6	2	3	1	2	3	5	4
21	2	3	3	2	1	2	1	0	2	2	0	0	2
22	0	0	0	5	6	0	7	4	5	4	6	9	4
23	7	12	11	13	9	2	5	5	5	5	8	3	7
24	2	0	3	3	0	0	****	****	****	****	****	****	****
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	4	4	5	7	6	5	5	4	4	5	5	5	5

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20	****	****	****	****	****	2	1	1	2	1	0	3	****
21	4	1	2	2	0	0	0	0	0	0	0	2	1
22	2	2	0	5	0	5	0	2	0	0	0	2	2
23	3	0	2	3	0	2	0	0	0	2	0	0	1
24	3	2	0	2	0	2	0	2	2	6	3	2	2
25	3	2	0	9	8	13	10	10	6	13	2	3	8
26	2	4	7	7	9	3	11	7	8	3	3	3	6
27	3	3	3	11	9	8	6	5	5	4	0	4	5
28	2	2	1	3	0	1	0	3	0	2	3	3	2
29	0	2	2	0	2	0	1	1	0	3	0	2	1
30	3	5	5	4	5	2	3	1	3	0	2	2	3
31	2	0	2	2	3	5	3	5	3	7	3	2	3
MEAN	2	3	3	4	3	4	3	3	2	4	1	2	3

PERCENTAGE OF DATA VALID - 37

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	10	4	4	3	5	3	6	5	6	4
2	4	4	4	15	11	5	10	8	14	****	****	****	8
3	2	11	17	13	3	11	7	3	4	2	5	5	7
4	11	4	5	9	7	3	11	4	5	7	3	4	6
5	3	2	2	2	5	3	6	0	2	5	5	6	3
6	7	3	5	4	5	5	3	1	6	2	11	2	5
7	4	3	4	9	5	2	9	4	9	3	7	5	5
8	7	9	13	7	9	10	***	3	5	2	2	2	6
9	0	1	3	0	0	2	3	4	5	4	13	5	3
10	4	8	2	7	6	7	2	9	7	4	7	7	6
11	2	5	7	7	7	3	0	2	0	2	0	0	3
12	1	0	2	0	2	2	0	0	2	3	0	0	1
13	2	2	1	0	4	0	3	5	0	0	2	2	2
14	0	2	1	1	2	0	2	0	7	8	9	7	3
15	3	11	11	15	8	7	3	0	2	0	2	3	5
16	1	2	2	4	4	13	4	10	5	6	2	4	5
17	1	0	0	4	0	2	0	0	2	3	2	0	1
18	2	4	3	2	0	1	0	0	3	3	3	3	2
19	4	0	2	2	0	3	2	3	2	2	3	5	2
20	7	7	10	12	6	5	6	5	0	0	0	0	5
21	0	2	0	2	2	2	3	0	7	9	10	13	4
22	11	9	11	23	10	5	5	3	5	10	5	7	9
23	5	5	13	13	9	5	7	9	2	1	1	3	6
24	0	2	2	3	****	0	2	0	2	2	2	0	1
25	3	2	3	0	5	3	2	3	3	5	7	6	4
26	4	3	1	2	0	2	0	1	0	3	3	7	2
27	0	6	2	9	5	3	5	11	7	3	7	7	5
28	7	4	4	11	7	11	9	11	7	15	9	12	9
29	7	7	10	12	3	0	3	2	0	2	2	0	4
30	2	3	3	7	3	3	3	5	10	5	3	3	4
MEAN	3	4	5	7	5	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	7	5	12	8	8	8	14	14	13	10	11	10
2	4	4	8	8	8	7	9	1	4	8	5	6	6
3	3	2	1	1	2	2	3	2	0	2	3	3	2
4	2	2	5	12	4	3	1	2	2	4	2	4	4
5	5	4	6	13	6	4	2	0	3	4	6	5	5
6	2	8	4	6	2	2	0	0	2	0	2	0	3
7	1	1	0	6	0	0	2	0	0	2	0	0	1
8	2	2	6	10	11	11	••••	5	9	8	7	7	7
9	6	3	3	4	4	9	2	5	5	2	3	2	4
10	4	1	1	2	1	2	2	2	2	2	2	1	2
11	3	2	2	4	2	0	0	3	2	2	0	0	2
12	0	0	2	2	0	0	0	3	0	2	6	13	2
13	10	7	5	14	17	12	14	12	7	4	8	7	10
14	10	9	12	9	18	11	12	14	6	10	12	11	11
15	9	4	9	12	11	6	••••	10	12	13	9	7	9
16	4	5	3	8	2	5	8	8	6	4	4	0	5
17	5	0	0	2	2	1	6	2	3	5	1	7	3
18	6	5	8	12	11	12	5	16	15	14	9	8	10
19	4	10	2	13	14	6	5	5	7	6	6	7	7
20	9	12	13	28	23	9	12	8	9	18	11	7	13
21	5	4	6	18	20	22	12	14	15	7	4	7	11
22	5	6	12	15	16	14	••••	11	9	14	12	9	11
23	13	7	5	5	2	3	6	1	5	5	5	3	5
24	4	3	3	2	3	1	3	4	4	2	9	2	3
25	0	2	4	4	4	0	2	0	0	2	2	2	2
26	2	3	1	2	8	3	7	13	9	9	8	10	6
27	10	14	11	19	8	11	6	8	9	5	7	9	10
28	7	6	6	9	1	0	2	2	7	12	11	2	5
29	3	1	2	2	••••	10	10	4	10	10	9	5	6
30	2	5	6	13	3	7	6	7	7	5	5	2	6
31	0	5	2	0	2	10	7	3	4	4	5	2	4
MEAN	5	5	5	9	7	6	5	6	6	6	6	5	6

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	5	3	10	2	0	7	4	9	13	15	13	7
2	5	2	4	8	8	0	0	0	0	2	1	3	3
3	0	0	6	5	6	9	2	0	4	3	3	6	4
4	0	4	3	2	6	9	3	0	1	2	2	5	2
5	2	3	5	13	12	0	3	••••	••••	4	6	4	6
6	0	1	3	3	4	6	3	0	4	5	3	0	3
7	0	2	0	0	0	1	0	0	4	0	4	6	2
8	0	3	2	3	3	0	2	0	2	8	7	10	3
9	5	7	8	9	11	7	9	5	11	9	5	6	8
10	5	2	7	7	4	5	2	2	1	0	3	2	3
11	2	2	2	3	0	1	1	2	4	6	8	0	3
12	4	1	3	6	3	6	2	2	5	4	4	4	5
13	6	6	3	7	9	4	3	5	5	5	1	0	4
14	5	2	3	0	2	4	3	3	3	2	3	3	3
15	0	1	10	15	13	14	11	13	16	18	3	4	10
16	2	5	3	2	••••	11	15	15	6	17	12	13	9
17	11	14	8	15	16	14	12	15	19	17	12	8	13
18	7	13	14	23	24	19	15	13	11	10	8	9	14
19	11	4	4	8	5	5	••••	4	0	2	5	5	4
20	4	3	5	9	1	5	6	8	7	3	3	3	5
21	8	2	2	0	2	3	0	0	0	1	2	2	2
22	2	3	2	2	1	0	4	3	3	2	3	3	2
23	3	0	7	3	12	9	2	5	10	9	4	3	6
24	3	4	3	11	6	8	9	10	3	8	9	7	7
25	7	3	7	6	10	0	2	2	7	6	2	3	5
26	4	4	4	9	5	2	3	••••	9	5	7	9	6
27	8	10	0	3	3	7	6	9	9	7	5	3	6
28	5	2	3	0	0	3	2	3	3	0	3	3	3
29	1	7	5	7	7	7	4	1	5	0	0	0	4
30	2	5	2	0	2	3	0	4	3	2	3	5	3
MEAN	4	4	4	6	6	5	5	5	6	6	5	5	5

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH DEC 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	3	0	0	6	0	6	10	7	2	3
2	7	7	9	9	6	3	2	4	4	5	3	5	5
3	3	3	2	5	5	3	5	****	7	2	2	4	4
4	0	0	2	2	5	3	5	3	2	9	3	2	3
5	3	2	2	2	0	5	3	7	7	5	2	5	4
6	3	3	3	15	11	11	7	6	9	9	5	9	8
7	5	7	5	5	5	5	3	5	2	5	2	2	4
8	4	3	3	6	8	13	9	10	8	11	8	9	8
9	10	2	4	5	13	5	9	6	7	13	15	12	8
10	5	11	7	5	9	5	4	7	8	7	3	5	6
11	2	3	0	3	2	2	2	0	2	6	3	7	3
12	8	7	9	8	9	6	5	9	3	7	3	5	7
13	0	2	0	3	4	0	2	0	4	0	0	3	2
14	3	3	5	5	20	10	2	6	6	3	4	3	6
15	5	2	1	5	2	5	3	7	6	0	3	3	4
16	3	2	3	3	3	2	0	2	0	6	2	7	3
17	0	6	9	9	5	9	6	7	2	0	0	2	5
18	0	0	2	0	1	5	0	4	0	1	2	0	1
19	9	4	2	2	3	0	5	2	7	7	5	0	4
20	4	2	2	7	6	9	5	11	3	10	5	2	6
21	2	7	0	10	7	2	3	0	3	3	****	****	4
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	4	4	3	5	6	5	4	5	5	6	4	4	5
PERCENTAGE OF DATA VALID -			66										

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - D.O.H. BATHURST & WILSON

NO 34007

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	11	16
FEB	28	5	14	18
MAR	31	3	9	19
APR	29	3	13	18
MAY	31	4	10	20
JUN	24	5	8	15
JUL	DATA MISSING			
AUG	12	3	8	13
SEP	30	4	9	23
OCT	31	6	13	28
NOV	30	5	14	24
DEC	21	5	8	20
YEAR	298	4	14	28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	244	98	22	1	0	0	0	365
FEB	180	121	24	5	0	0	0	330
MAR	278	69	16	6	0	0	0	369
APR	242	67	19	3	0	0	0	331
MAY	249	99	15	3	0	0	0	366
JUN	130	130	22	0	0	0	0	282
JUL	DATA MISSING							
AUG	109	26	4	0	0	0	0	139
SEP	217	108	28	1	1	0	0	355
OCT	172	133	52	8	3	0	0	368
NOV	202	112	32	7	2	0	0	355
DEC	131	106	11	1	0	0	0	249
YEAR	2154	1069	245	35	6	0	0	3509

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87	0	0.5	1.5	2.7	4.9	9.0	11.3	13.9	15.7	28	4.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - COHS/1000FEET X 10											
STATION - ELMCREST ROAD													ETOBICOKE		NO 35003		MONTH JAN 71							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	4	4	2	2	0	4	10	11	4										
2	2	9	7	8	12	6	2	2	2	0	2	4	5	3										
3	4	2	0	5	2	5	2	0	4	7	5	2	3	4										
4	5	1	0	2	4	5	2	7	3	8	6	2	4	4										
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****										
6	2	2	3	4	2	2	2	0	1	3	2	3	1	2										
7	2	4	2	3	1	4	11	7	6	5	6	7	5	3										
8	7	10	4	6	4	7	8	4	1	3	3	11	6	5										
9	8	5	7	7	1	5	3	4	2	3	5	2	4	4										
10	4	0	4	0	8	4	1	1	6	4	4	2	3	4										
11	3	0	2	0	2	4	0	3	6	4	3	7	6	3										
12	3	3	5	2	2	10	2	8	4	2	3	4	4	4										
13	****	****	2	4	2	3	2	0	3	3	3	3	2	2										
14	1	1	5	2	0	1	0	0	1	1	1	0	0	1										
15	1	0	2	0	3	6	4	3	3	4	7	6	3	3										
16	2	1	2	3	2	1	2	0	1	2	0	2	2	2										
17	1	1	0	2	0	4	1	2	0	3	0	4	2	0										
18	2	2	0	3	1	2	0	3	0	2	3	0	4	2										
19	1	0	2	0	2	3	2	0	1	2	2	3	0	3										
20	4	2	2	6	6	2	6	0	4	0	7	2	3	4										
21	0	5	5	1	0	1	0	1	2	2	5	3	2	2										
22	8	11	10	5	1	0	0	2	2	2	2	1	4	4										
23	1	2	4	2	0	2	1	3	5	3	11	10	4	4										
24	1	5	5	2	3	4	5	5	6	9	5	7	5	5										
25	8	8	7	6	4	2	2	0	0	0	8	2	4	4										
26	2	1	2	1	2	1	2	0	1	0	1	1	2	1										
27	3	0	1	0	1	0	1	0	1	4	2	0	1	2										
28	4	0	2	2	5	3	1	3	3	6	3	3	0	3										
29	2	2	2	4	1	1	2	0	1	4	0	1	2	2										
30	0	0	1	3	1	2	1	2	2	4	2	2	2	2										
31	0	0	1	3	1	2	1	2	2	4	4	2	2	2										
MEAN	3	3	3	3	3	3	3	2	2	2	3	4	3	3										

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - ELMCREST ROAD							MONTH FEB 71						
STATION - ELMCREST ROAD	ETOBICOKE	NO 35003								MEAN			
2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	1	4	6	0	4	2	5	0	4	0	2	3
2	****	****	****	4	2	1	0	0	2	2	2	2	1
3	6	4	4	4	9	11	14	7	6	5	14	14	8
4	17	8	4	6	8	7	6	3	6	4	2	3	6
5	1	1	4	2	4	3	4	0	3	0	2	2	2
6	0	3	4	0	3	1	2	0	4	2	4	2	2
7	4	4	3	2	6	7	9	5	8	7	6	3	5
8	3	3	3	3	2	5	3	0	4	2	2	1	3
9	3	0	1	0	0	2	2	0	1	0	2	2	1
10	****	****	2	5	3	4	1	4	2	2	3	4	3
11	3	5	4	7	6	4	3	4	3	9	4	2	5
12	2	1	2	0	2	4	4	8	6	4	2	3	4
13	0	1	2	1	2	3	2	0	2	2	0	2	1
14	0	0	1	1	0	0	2	2	2	0	0	2	4
15	1	1	0	2	1	5	4	2	1	2	0	0	1
16	1	3	2	1	4	5	6	5	0	2	3	2	2
17	5	5	3	3	7	9	7	7	3	3	1	3	3
18	2	3	3	0	2	6	4	5	0	2	7	3	3
19	2	0	4	1	5	5	2	1	1	2	3	2	2
20	2	3	1	4	4	7	9	8	7	3	4	2	5
21	1	2	1	2	2	0	1	0	2	2	0	1	1
22	0	2	2	3	3	3	****	2	5	3	3	2	3
23	2	2	2	3	4	2	2	1	2	0	3	2	2
24	2	0	1	3	2	2	1	0	1	2	2	1	1
25	5	3	2	2	2	****	1	2	5	4	8	16	5
26	12	13	15	16	12	19	17	15	15	10	13	9	14
27	11	6	4	4	2	0	2	4	1	3	0	3	3
28	0	2	0	3	0	3	0	2	0	0	0	3	1
MEAN	3	3	3	3	3	5	4	3	3	3	3	3	

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - ELMCREST ROAD							MONTH MAR 71						
ETOBICOKE	NO 35003												
2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	4	2	1	5	0	2	2	3	2	2
2	4	2	1	3	3	9	0	0	2	0	3	2	1
3	0	0	2	0	2	3	0	0	3	0	2	2	1
4	0	0	2	2	1	0	2	0	2	0	0	2	1
5	1	3	1	2	3	2	0	3	2	3	8	3	3
6	7	7	10	5	9	7	5	3	2	3	3	5	5
7	0	3	1	5	2	0	0	3	0	2	0	2	1
8	0	2	0	0	2	2	0	2	2	2	2	1	1
9	0	1	1	1	2	1	1	0	0	2	2	2	2
10	1	2	3	3	5	15	2	3	3	2	5	4	4
11	3	5	4	2	1	3	0	3	0	3	3	12	3
12	7	2	6	4	5	15	9	3	3	4	5	7	6
13	11	9	4	3	4	3	5	4	2	5	13	11	6
14	10	8	6	2	8	8	7	6	6	6	11	9	7
15	8	17	16	8	10	5	2	3	3	1	1	2	6
16	1	1	1	1	3	2	2	0	0	2	4	2	1
17	2	1	0	2	2	1	1	1	1	2	0	2	1
18	3	2	2	3	3	5	4	3	2	4	5	2	3
19	6	6	2	5	1	4	5	2	2	8	13	4	5
20	1	8	4	2	4	3	0	2	2	2	2	2	3
21	1	0	1	1	0	2	2	0	1	1	3	1	1
22	2	2	1	0	3	2	0	2	2	2	1	2	2
23	2	1	2	2	3	0	1	0	0	0	0	1	1
24	3	0	0	1	0	0	2	0	1	0	0	2	1
25	0	2	0	2	3	1	0	3	1	0	0	2	2
26	2	2	2	2	3	6	5	0	0	3	5	4	3
27	11	6	8	7	4	5	0	4	0	2	7	5	5
28	3	5	1	2	2	4	3	1	5	4	8	4	4
29	5	3	2	0	2	2	3	0	2	0	0	2	2
30	2	0	2	0	2	2	3	2	0	2	3	5	2
31	2	5	2	2	5	3	4	1	4	4	7	4	4
MEAN	3	3	3	2	3	4	2	2	2	4	4	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
	STATION - ELMCREST ROAD			ETOBICOKE	NO 35003		MONTH APR 71						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	3	2	5	5	7	12	2	7	9	5	3	6
2	3	2	1	0	4	0	1	0	1	0	0	0	1
3	4	2	0	2	2	2	1	2	2	0	2	2	1
4	2	1	2	2	0	2	0	2	2	2	0	1	2
5	2	2	2	2	2	3	2	0	2	2	3	2	2
6	3	3	1	3	3	2	2	3	3	5	5	3	3
7	0	1	2	0	1	2	0	0	3	1	2	0	1
8	3	2	0	3	0	2	***	***	2	2	1	5	2
9	1	11	10	11	14	2	3	6	6	3	5	2	6
10	0	1	0	1	0	3	2	2	2	1	2	5	2
11	2	2	2	6	2	5	2	5	4	2	5	14	4
12	9	7	9	13	15	7	10	8	7	6	7	7	9
13	11	4	4	2	0	2	2	0	2	0	0	0	2
14	4	1	3	0	0	2	0	0	3	3	3	0	2
15	0	2	1	2	1	2	3	0	1	2	0	0	1
16	0	3	2	0	3	0	3	1	0	0	3	4	2
17	3	3	2	2	0	3	0	3	2	3	2	3	2
18	5	3	2	0	3	3	2	1	3	2	2	2	2
19	2	2	3	2	4	1	0	1	2	5	1	4	2
20	1	0	0	0	6	6	3	***	***	1	3	8	3
21	3	3	0	1	2	0	1	0	0	0	1	2	1
22	1	2	0	0	0	0	0	1	1	0	1	1	1
23	0	0	0	1	0	1	0	0	0	1	2	2	1
24	5	1	3	1	2	1	2	1	2	1	1	1	2
25	0	1	1	0	1	0	3	1	1	1	1	2	1
26	1	0	1	2	3	1	0	1	0	0	0	2	1
27	0	0	1	1	1	3	1	3	2	2	1	0	1
28	0	0	0	1	2	3	1	2	2	6	6	3	2
29	1	1	3	1	1	***	***	0	2	0	2	0	1
30	2	0	2	0	2	5	5	0	3	0	2	0	2
MEAN	3	2	2	2	3	2	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELMCREST ROAD

ETOBICOKE

NO 35003

MONTH MAY 71

STATION - ELMCREST ROAD	ETOBICOKE	NO 35003	MONTH MAY 71	MEAN									
2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	4	8	5	0	3	0	3	5	5	3
2	3	0	2	0	2	2	2	0	0	4	0	0	1
3	0	4	0	0	0	2	0	0	2	2	2	3	1
4	0	0	3	0	3	0	2	2	0	0	2	2	1
5	0	3	0	3	3	7	2	2	2	4	2	1	3
6	2	6	2	0	5	0	***	2	2	1	0	2	2
7	0	2	2	2	6	3	2	0	0	0	0	9	2
8	5	5	7	0	2	5	3	0	0	3	2	2	3
9	5	5	7	0	2	1	0	0	2	2	2	2	2
10	4	2	3	0	3	0	2	0	0	0	2	6	2
11	2	2	3	0	3	5	4	2	2	5	3	2	3
12	5	7	11	7	5	7	2	1	0	0	0	3	4
13	0	2	0	1	2	0	***	***	1	1	2	8	2
14	4	0	3	0	0	1	0	0	1	4	3	1	1
15	5	4	4	4	6	2	4	1	2	0	5	4	3
16	5	5	2	0	2	0	2	2	3	2	1	0	1
17	2	0	4	0	1	2	0	0	2	2	2	0	1
18	3	7	4	6	3	2	5	7	1	4	0	2	4
19	4	6	3	8	5	10	5	5	0	3	5	3	5
20	5	6	2	2	2	2	3	0	0	2	0	2	2
21	2	2	4	4	0	3	2	0	0	0	0	2	2
22	0	3	1	0	0	2	1	0	1	3	2	2	1
23	1	1	2	2	2	1	0	4	0	3	2	2	2
24	4	4	0	1	1	1	0	1	2	1	3	4	2
25	5	4	2	5	5	0	1	1	1	2	0	0	2
26	0	0	0	0	0	2	2	2	0	0	1	1	1
27	0	2	0	0	3	3	0	0	3	1	0	2	1
28	3	1	4	1	1	1	0	4	2	1	7	4	2
29	2	0	2	2	7	2	4	0	1	0	2	5	3
30	5	1	0	4	2	0	2	1	0	8	2	5	3
31	3	2	1	3	0	0	5	1	0	0	2	0	1
MEAN	3	3	3	2	3	2	2	1	1	2	2	3	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELMCREST ROAD

ETOBICOKE

NO 35003

MONTH JUN 71

STATION - ELMCREST ROAD	ETOBICOKE	NO 35003	MONTH JUN 71	MEAN									
2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	2	2	3	3	2	1	4	2	5	2
2	4	2	4	4	3	3	4	4	4	5	9	7	4
3	2	2	2	3	2	1	0	1	0	0	2	1	1
4	0	1	2	1	8	****	****	****	****	****	****	****	****
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	2	2	3	3	4	2	2	2	2	3	4	4	3

PERCENTAGE OF DATA VALID - 11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELMCREST ROAD ETOBICOKE

NO 35003

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9	****	****	****	****	****	****	- DATA MISSING -						
10	2	0	2	2	2	0	2	3	0	3	0	0	****
11	2	0	0	0	2	0	2	0	2	0	0	0	1
12	0	5	0	0	4	0	2	0	0	0	3	0	1
13	****	****	2	2	3	3	2	2	0	5	1	****	2
14	0	2	3	0	2	0	1	3	0	0	0	2	2
15	2	2	2	3	3	0	3	0	2	1	3	0	1
16	7	0	5	0	2	0	3	0	2	2	6	0	2
17	3	2	2	0	2	0	0	2	2	3	2	0	2
18	0	0	0	2	0	0	2	0	5	0	0	0	1
19	4	2	4	2	3	0	3	0	0	0	5	0	1
20	2	7	4	3	2	2	2	2	6	2	2	4	3
21	0	3	2	10	2	0	2	2	1	6	7	0	3
22	0	6	1	2	5	3	3	2	4	2	2	1	3
23	2	2	7	7	3	1	2	3	0	2	4	6	3
24	0	1	2	1	7	4	1	3	2	0	5	3	3
25	1	0	2	1	2	2	1	3	0	0	5	3	1
26	8	4	8	5	2	2	1	0	1	0	1	4	1
27	2	5	0	0	4	1	2	2	0	0	1	0	3
28	4	2	4	5	2	0	0	0	5	1	2	4	2
29	0	2	2	3	2	2	1	2	2	7	3	2	4
30	4	2	4	9	1	0	1	2	5	2	4	10	3
31	0	3	2	0	5	1	1	2	0	2	1	2	2
MEAN	2	2	3	3	3	1	2	1	2	2	3	2	2

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELMCREST ROAD ETOBICOKE

NO 35003

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	3	2	2	6	4	0	2	2	2	4	3
2	4	2	3	2	2	3	2	2	1	3	3	2	2
3	4	4	4	8	1	2	2	0	0	2	3	1	3
4	4	1	2	4	5	1	3	1	1	2	2	2	3
5	3	0	2	2	2	0	0	0	2	2	2	3	2
6	2	3	3	1	3	2	0	0	2	2	2	3	2
7	2	0	5	4	2	1	0	2	2	0	2	4	2
8	2	1	3	2	2	2	1	2	2	0	3	2	2
9	2	2	1	7	1	7	2	2	1	0	7	2	2
10	2	4	2	7	2	2	5	4	2	2	3	2	3
11													
12	2	0	0	2	1	5	0	0	2	2	2	0	1
13	1	2	1	1	0	1	2	0	1	2	1	2	1
14	1	2	1	6	4	0	4	2	2	4	2	6	3
15	2	0	1	2	6	5	3	2	0	2	2	4	3
16	2	0	2	2	0	3	4	2	2	0	4	3	2
17							****	****	****	****	****	****	****
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22	****	****	****	****	****	0	- DATA MISSING -						
23	0	2	2	7	1	0	0	0	2	2	0	5	****
24	3	7	5	5	2	5	0	0	0	2	5	3	2
25	3	1	3	3	3	2	2	5	2	3	5	4	4
26	3	2	3	3	3	6	6	4	3	3	0	2	3
27	2	0	5	2	2	0	2	4	3	2	2	0	3
28	2	2	2	0	0	0	2	3	0	5	3	3	2
29	2	2	2	0	0	0	2	0	3	2	0	1	1
30	3	0	2	5	2	2	2	2	0	3	0	2	2
31	0	0	0	3	2	2	1	0	2	2	3	2	1
MEAN	2	2	2	3	2	2	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELMCREST ROAD

ETOBICOKE

NO 35003

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	2	8	3	0	2	0	2	2	6	2	3
2	3	2	2	13	11	5	7	5	5	3	6	5	6
3	0	2	4	2	0	2	2	3	0	3	0	7	2
4	3	3	0	6	3	3	3	3	2	3	4	3	3
5	2	2	0	2	2	0	2	1	2	0	2	3	3
6	4	2	2	5	2	3	3	2	0	3	3	2	3
7	3	2	3	4	2	0	2	5	2	3	2	5	3
8	2	3	2	5	3	3	0	3	5	3	0	2	3
9	0	3	2	3	5	0	3	1	0	6	3	7	3
10	3	8	6	11	4	0	5	3	4	4	2	10	5
11	4	6	7	8	5	5	2	0	3	0	0	1	3
12	1	2	0	2	1	3	3	2	3	2	2	0	2
13	3	2	3	2	3	2	2	3	0	2	2	2	2
14	0	0	2	3	2	3	3	2	3	4	5	11	3
15	3	4	9	8	8	5	4	2	0	4	2	2	4
16	3	0	3	11	9	9	0	0	2	3	6	7	4
17	0	3	2	2	0	2	3	0	0	3	7	6	3
18	3	0	0	3	3	2	0	2	0	0	2	3	1
19	3	0	0	3	3	0	0	3	0	0	3	2	2
20	5	2	4	11	8	3	0	2	2	0	2	0	3
21	2	0	0	4	6	0	3	0	2	5	3	8	3
22	5	6	3	11	7	3	2	2	2	3	5	13	5
23	13	6	12	13	9	5	5	1	2	0	1	0	6
24	5	0	3	0	4	3	1	4	3	2	3	4	3
25	7	0	3	5	3	0	0	3	1	2	3	5	3
26	4	2	2	1	3	0	2	0	0	3	2	2	2
27	6	3	7	7	2	2	3	3	2	3	0	5	4
28	4	2	3	7	5	5	7	5	6	6	7	8	5
29	5	1	0	2	2	2	0	2	0	7	2	3	2
30	5	2	3	10	5	3	2	5	3	0	3	12	4
MEAN	3	2	3	6	4	2	2	2	2	3	3	5	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELMCREST ROAD

ETOBICOKE

NO 35003

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	5	5	10	9	6	3	4	7	5	7	11	6
2	11	10	2	5	2	5	2	9	4	5	7	7	6
3	4	2	3	0	0	2	0	1	0	2	0	2	1
4	2	3	0	7	2	2	0	2	1	3	5	2	2
5	0	5	2	7	5	2	0	2	3	1	3	2	3
6	0	0	3	2	3	0	0	0	2	1	0	0	1
7	0	0	2	1	••••	0	2	10	2	0	4	0	2
8	1	2	2	7	1	5	2	2	4	1	3	2	3
9	1	7	5	6	1	3	2	0	3	2	2	2	3
10	2	0	0	7	7	3	0	2	2	2	0	4	2
11	1	1	2	0	4	0	2	2	0	2	2	2	2
12	2	0	2	2	0	0	0	2	1	3	6	6	2
13	2	7	5	10	11	5	7	7	4	5	2	9	6
14	6	4	8	7	14	4	4	5	6	5	2	4	6
15	4	4	6	7	3	5	3	6	10	12	14	12	7
16	2	4	2	6	3	8	6	6	7	12	1	0	5
17	2	2	0	2	2	0	3	2	3	2	2	2	2
18	2	7	4	4	••••	6	4	4	10	9	4	10	6
19	5	4	6	7	7	11	4	2	10	8	11	4	7
20	11	9	15	22	26	7	8	6	8	4	19	9	12
21	12	10	9	16	25	9	9	5	10	10	11	8	11
22	11	11	7	12	8	7	8	5	13	8	9	10	9
23	9	5	10	3	0	5	2	2	2	2	2	2	4
24	2	1	3	4	4	2	1	2	0	1	0	0	2
25	2	2	6	1	4	1	••••	1	2	0	0	3	2
26	0	2	0	4	4	2	4	0	7	4	3	5	3
27	8	6	9	12	8	2	5	2	4	9	4	5	6
28	2	3	3	2	3	0	1	0	5	4	9	2	3
29	0	4	1	11	5	4	3	5	7	3	10	11	5
30	9	0	1	4	9	5	9	2	8	4	4	5	5
31	4	0	1	3	5	8	8	2	3	2	1	0	3
MEAN	4	4	4	6	6	4	3	3	5	4	5	5	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELMCREST ROAD

ETOBICOKE

NO 35003

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	0	4	2	3	2	2	4	5	12	13	3	5
2	2	2	2	4	4	1	2	0	1	1	1	0	2
3	2	2	2	3	2	3	0	2	0	1	1	4	2
4	0	2	2	2	4	0	1	0	3	1	3	2	2
5	2	3	2	10	6	0	1	0	2	4	2	1	3
6	1	0	2	2	5	4	4	0	2	0	2	1	2
7	0	2	1	2	0	0	0	3	0	2	0	3	2
8	1	0	0	4	2	1	3	0	5	5	6	9	1
9	7	7	7	7	7	2	2	0	6	6	0	4	5
10	2	2	2	1	2	****	****	****	****	****	****	****	****
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29	****	****	****	****	****	****	****						
30	0	3	3	0	0	0	0	3	2	2	2	3	2
MEAN	2	2	2	3	3	1	2	1	3	3	3	3	2

PERCENTAGE OF DATA VALID - 36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELMCREST ROAD

ETOBICOKE

NO 35003

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	3	2	2	3	0	1	4	11	0	0	2
2	6	4	6	5	7	3	0	5	2	3	0	7	4
3	2	2	2	0	7	2	0	2	3	1	0	0	2
4	3	0	3	5	3	5	7	2	2	0	3	5	3
5	0	3	2	3	2	2	2	1	3	0	0	7	2
6	5	2	0	5	5	0	3	2	2	5	2	2	3
7	3	2	0	3	2	5	3	0	3	2	3	0	2
8	4	0	2	3	2	0	5	5	2	2	2	5	3
9	2	5	2	7	7	3	8	2	5	8	10	3	5
10	7	5	7	8	3	7	4	6	3	2	5	0	5
11	0	0	2	0	0	1	1	1	0	2	2	3	1
12	5	3	9	5	3	5	2	1	3	2	6	0	4
13	4	2	3	0	2	2	3	0	1	0	2	0	2
14	9	4	0	10	15	6	****	5	3	7	3	0	6
15	5	0	3	7	2	3	6	3	5	5	0	2	3
16	3	0	0	0	2	0	6	2	5	0	3	2	2
17	8	3	5	0	11	3	3	0	1	1	0	3	3
18	2	0	2	1	2	3	3	0	5	2	3	0	2
19	1	3	3	3	2	7	2	3	4	6	11	0	4
20	0	0	5	0	8	5	1	2	9	3	3	7	4
21	2	0	4	9	3	0	4	0	1	0	3	3	2
22	4	0	1	2	8	****	1	0	2	6	11	10	4
23	7	1	0	7	4	6	2	0	7	4	6	2	4
24	9	4	2	2	2	1	1	1	0	1	1	5	2
25	0	1	1	0	2	4	2	0	1	4	7	2	2
26	5	5	4	2	2	2	1	1	1	2	2	0	2
27	2	0	0	2	4	2	3	3	2	1	6	2	2
28	2	2	3	1	3	3	0	0	3	2	1	3	2
29	1	1	1	8	2	****	5	3	2	2	1	2	3
30	8	3	1	3	2	2	2	0	3	0	2	1	2
31	2	1	2	3	5	4	2	4	3	7	7	8	4
MEAN	4	2	3	3	4	3	3	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - ELMCREST ROAD ETOBICOKE

NO 35003

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	6	12
FEB	28	3	14	19
MAR	31	3	7	17
APR	30	2	9	15
MAY	31	2	5	11
JUN	4	3	4	9
JUL	23	2	4	10
AUG	25	2	4	8
SEP	30	3	6	13
OCT	31	4	12	26
NOV	12	2	5	13
DEC	31	3	6	15
YEAR	307	3	14	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - ELMCREST ROAD ETOBICOKE

NO 35003

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	284	72	6	0	0	0	0	362
FEB	257	55	12	5	0	0	0	329
MAR	296	64	9	2	0	0	0	371
APR	306	40	8	0	0	0	0	354
MAY	315	52	2	0	0	0	0	369
JUN	36	5	0	0	0	0	0	41
JUL	230	36	0	0	0	0	0	266
AUG	259	30	0	0	0	0	0	289
SEP	274	74	12	0	0	0	0	360
OCT	227	116	21	2	3	0	0	369
NOV	113	15	2	0	0	0	0	130
DEC	280	84	5	0	0	0	0	369
YEAR	2877	643	77	9	3	0	0	3609

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82	0	0.3	1.0	1.7	2.9	6.1	7.8	10.5	12.2	26	2.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6	****	****	****	****	****	****	****	****	****	7	5	0	****
7	2	2	0	2	4	3	3	0	2	2	2	3	2
8	3	2	0	3	0	7	12	5	11	3	7	3	5
9	7	7	8	5	5	7	1	2	1	8	4	5	5
10	5	8	7	11	7	5	2	3	3	5	2	2	5
11	1	1	3	3	5	6	5	3	4	4	5	3	4
12	2	2	0	0	0	5	2	3	0	8	9	4	3
13	****	****	****	****	4	5	4	3	8	5	0	3	4
14	5	2	0	0	5	0	7	1	0	3	5	0	3
15	5	2	1	0	4	0	0	0	4	2	3	0	2
16	5	1	2	0	2	4	0	0	2	1	0	0	2
17	7	3	3	2	0	3	0	2	0	0	6	0	3
18	5	2	0	2	2	3	2	4	0	5	6	0	2
19	2	0	2	0	6	0	2	2	4	2	3	2	3
20	****	****	****	****	0	5	5	2	0	5	2	****	3
21	0	3	3	4	6	3	2	4	0	5	2	2	3
22	2	2	5	2	3	1	0	2	2	5	4	2	3
23	11	11	7	0	0	0	0	2	2	0	0	2	3
24	3	1	7	3	3	3	0	3	2	3	9	6	4
25	7	9	4	2	9	6	6	5	5	9	9	11	7
26	5	5	5	7	5	2	0	2	2	0	0	0	3
27	2	0	3	0	2	0	0	0	2	0	5	2	2
28	4	3	2	3	1	0	3	6	3	2	0	2	2
29	****	****	****	1	1	2	0	4	2	3	3	6	2
30	1	4	5	3	0	2	0	3	3	2	2	2	2
31	1	1	2	2	2	3	2	2	0	3	1	2	2
MEAN	4	3	3	2	3	3	2	3	2	4	4	3	3

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	4	18	10	2	2	0	3	3	5	1	4
2	4	2	4	0	2	0	3	2	2	3	3	2	2
3	8	5	7	5	4	11	10	2	3	9	13	4	7
4	13	16	11	3	0	2	4	9	7	5	8	2	7
5	****	****	****	****	****	****	1	4	0	1	3	1	****
6	2	3	1	2	0	0	0	0	1	5	4	3	2
7	8	6	3	7	4	4	4	3	5	2	5	5	5
8	2	7	0	0	3	4	7	2	5	1	1	0	3
9	3	1	0	0	0	1	2	1	0	0	1	2	1
10	4	2	3	4	2	5	2	8	4	2	6	7	4
11	4	4	3	2	3	5	6	3	8	4	3	2	4
12	2	3	0	3	4	4	4	8	6	8	4	2	4
13	4	2	2	1	2	2	0	3	4	0	0	2	2
14	2	3	0	2	0	1	2	0	2	0	0	0	1
15	2	2	3	9	3	6	4	1	3	3	2	2	3
16	0	1	2	0	8	7	7	5	2	1	2	3	3
17	3	8	7	3	9	8	5	6	6	2	3	3	5
18	5	4	3	2	2	3	4	3	2	1	2	2	3
19	2	3	2	2	8	2	1	3	0	7	2	2	3
20	4	2	2	2	4	2	9	8	3	3	4	2	4
21	3	2	0	1	1	1	2	0	0	2	0	2	1
22	2	3	4	3	2	2	3	4	4	4	2	3	3
23	2	0	0	2	4	2	2	0	4	4	4	0	2
24	1	2	2	1	0	3	2	2	2	10	1	3	2
25	2	3	3	1	2	****	****	0	****	3	11	11	4
26	6	8	3	25	15	17	21	11	13	****	19	6	13
27	6	10	7	6	1	7	0	0	1	1	0	3	4
28	2	0	3	0	0	1	2	1	3	0	2	2	1
MEAN	4	4	3	4	3	4	4	3	4	3	4	3	4

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	2	4	1	3	2	1	3	0	0	2
2	1	1	2	3	5	4	0	2	0	3	4	4	2
3	1	2	1	2	2	3	2	4	0	6	2	1	2
4	3	0	2	2	2	0	2	2	0	2	2	0	1
5	1	0	5	2	2	3	4	3	2	3	2	6	3
6	9	10	4	7	4	4	5	2	3	3	2	1	5
7	1	1	1	0	0	1	1	0	0	0	2	2	1
8	2	6	3	0	1	1	0	2	3	0	0	1	2
9	1	2	0	1	3	2	1	1	3	0	3	2	2
10	0	2	7	2	3	15	2	****	1	4	2	2	4
11	4	4	4	3	0	0	0	4	****	2	4	2	2
12	2	0	5	1	6	10	9	2	5	3	4	7	5
13	4	8	8	5	3	5	4	5	6	3	2	9	5
14	10	8	2	3	3	8	5	2	3	4	3	3	5
15	6	12	11	6	5	3	3	3	0	1	0	2	4
16	1	0	2	2	2	0	1	2	0	0	2	0	1
17	2	3	2	5	0	0	0	0	4	0	4	2	2
18	2	1	1	0	0	5	3	1	5	4	3	0	3
19	2	3	2	0	0	2	3	4	2	5	6	2	3
20	0	3	2	2	5	0	3	0	2	0	2	0	2
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24	****	****	****	****	****	****	****	****	0	2	0	5	****
25	2	2	2	0	3	2	2	0	2	0	3	4	2
26	2	3	2	0	3	3	2	2	2	3	3	6	3
27	3	8	9	5	10	0	2	2	2	2	2	1	4
28	2	0	2	0	0	2	3	2	0	0	0	2	2
29	4	1	3	2	2	2	5	0	2	0	3	4	2
30	4	2	0	0	5	3	0	3	0	2	3	4	2
31	2	0	5	1	2	2	0	2	2	5	2	2	2
MEAN	3	3	3	2	3	3	2	2	2	2	2	3	3

PERCENTAGE OF DATA VALID - 87

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	5	3	5	7	7	****	12	4	5	2	5
2	1	2	0	0	2	2	0	2	0	1	0	2	1
3	2	1	3	0	2	4	0	4	0	2	0	2	2
4	0	0	0	0	0	0	0	1	2	0	3	1	1
5	2	0	2	2	2	3	0	2	1	3	2	5	2
6	5	4	2	4	5	4	2	2	3	2	8	5	4
7	3	3	1	2	3	0	0	1	0	1	2	2	2
8	0	0	2	0	0	4	0	3	2	4	4	5	2
9	9	7	5	3	9	2	0	2	3	1	1	0	4
10	2	0	0	0	0	0	0	0	0	0	2	6	1
11	4	3	3	5	3	2	2	0	2	2	6	9	3
12	8	11	5	9	7	3	3	2	7	11	9	8	7
13	2	2	3	5	0	0	0	0	2	0	0	1	1
14	1	2	0	2	0	0	0	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	****	****	****	****
16	3	1	3	3	2	2	2	0	0	3	5	3	2
17	0	4	0	2	1	1	5	4	1	4	5	6	3
18	4	5	1	2	2	2	2	2	2	3	2	2	2
19	2	3	2	3	3	0	2	1	2	1	1	0	2
20	2	2	6	7	2	2	2	5	6	4	3	3	4
21	0	2	0	2	2	2	2	2	4	1	2	1	2
22	1	0	1	1	0	1	1	****	0	2	2	1	1
23	0	0	2	1	1	1	2	1	1	2	4	6	2
24	2	3	2	1	2	2	2	2	1	1	3	2	2
25	3	0	1	1	1	1	2	0	0	0	0	1	1
26	1	0	0	1	2	0	2	2	1	2	2	1	2
27	1	2	2	3	5	2	2	2	3	3	1	2	2
28	1	1	1	3	2	3	1	4	3	3	2	2	2
29	2	2	3	3	2	0	2	2	1	2	2	2	2
30	2	2	3	3	2	2	1	****	****	****	****	****	****
MEAN	2	2	2	2	2	2	2	2	2	2	3	3	2

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12	17	11	5	9	9	7	0	0	0	0	2	11	5
13	0	2	2	0	0	3	4	0	3	0	0	7	2
14	0	0	0	5	2	3	0	0	3	0	0	15	3
15	11	7	7	2	4	0	7	7	2	3	7	0	5
16	2	5	2	9	2	5	3	0	0	5	0	3	3
17	4	5	2	0	2	7	2	0	0	4	5	9	4
18	14	10	8	9	7	6	6	0	11	1	4	8	7
19	7	5	9	7	3	7	2	1	2	6	13	5	6
20	2	0	2	2	2	5	2	3	2	2	1	0	2
21	0	2	2	6	4	0	2	0	0	2	0	0	2
22	0	0	0	0	3	2	0	0	0	2	2	2	1
23	0	0	0	6	1	3	0	5	0	0	3	4	2
24	4	1	5	3	3	5	3	6	5	4	7	5	4
25	0	3	9	4	3	2	0	7	0	0	11	2	3
26	0	0	3	1	2	5	2	0	0	3	7	2	3
27	4	1	0	2	3	0	3	5	0	4	7	2	3
28	0	5	3	7	6	5	4	0	4	3	5	7	4
29	0	5	4	5	2	0	3	0	2	0	3	4	2
30	7	2	0	3	9	0	2	3	0	1	4	5	3
31	0	3	2	9	2	3	0	0	2	2	0	2	2
MEAN	4	3	3	4	3	4	2	2	2	2	4	5	3

PERCENTAGE OF DATA VALID - 65

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	2	1	10	0	8	1	0	4	2	5	3
2	3	3	7	5	3	9	5	1	4	5	7	7	5
3	2	5	4	0	3	3	4	0	5	1	0	0	2
4	4	5	5	5	4	3	0	5	2	7	3	6	4
5	3	2	4	0	2	5	2	3	2	4	4	6	3
6	5	7	4	2	0	2	4	3	5	8	5	3	4
7	3	1	7	5	4	2	1	0	6	2	2	2	3
8	0	5	3	2	2	1	2	2	2	0	0	0	2
9	4	2	1	3	3	3	0	2	2	0	0	2	2
10	3	3	0	5	8	2	1	5	1	2	4	4	3
11	7	5	7	6	7	2	3	0	3	9	3	7	5
12	2	4	4	3	3	3	7	4	2	8	7	8	5
13	4	4	0	0	0	2	3	0	3	5	7	3	3
14	7	8	7	10	4	10	1	4	7	2	3	0	5
15	2	2	4	5	6	4	2	3	1	5	5	3	4
16	6	2	3	8	9	4	5	2	2	5	7	5	5
17	3	12	9	7	6	0	2	0	2	2	3	5	4
18	4	7	10	11	7	3	3	2	2	5	3	6	5
19	5	6	7	13	4	6	3	2	6	8	2	3	5
20	5	5	3	5	2	2	1	2	2	2	2	2	3
21	1	3	2	0	0	0	1	0	2	2	4	1	1
22	0	4	0	3	4	0	0	3	0	1	3	3	2
23	9	3	6	7	4	2	4	0	0	5	2	2	4
24	4	2	3	0	1	2	4	2	3	4	6	0	3
25	3	1	10	3	4	2	6	3	8	2	0	0	4
26	0	0	2	2	0	0	2	2	3	2	0	2	2
27	2	5	2	0	4	0	3	1	0	0	0	4	4
28	2	2	7	7	7	2	0	2	2	5	6	3	4
29	6	7	5	2	2	0	5	0	2	7	3	2	3
30	2	5	7	5	9	1	5	3	0	5	3	2	4
MEAN	3	4	4	4	4	3	3	2	3	4	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005							MONTH JUL 71						
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	0	1	2	4	0	2	0	2	0	2	2	2
2	0	2	0	6	0	0	3	0	0	0	3	3	1
3	2	2	2	0	2	3	2	0	0	0	2	3	2
4	3	3	5	1	4	5	1	3	2	2	2	5	3
5	4	4	6	8	5	5	0	3	5	7	7	1	5
6	2	0	5	0	3	0	0	0	5	3	0	10	2
7	0	1	7	0	3	0	2	0	4	0	0	13	3
8	0	8	5	5	3	4	3	4	5	2	2	3	4
9	0	0	0	3	0	3	0	0	1	3	7	2	2
10	2	3	0	6	2	0	0	2	2	1	7	0	2
11	3	0	2	0	1	0	0	0	0	9	0	3	2
12	3	0	2	3	0	2	0	3	2	0	2	0	1
13	2	5	5	2	7	2	3	2	0	0	4	0	3
14	5	2	0	2	0	5	2	0	4	0	0	6	2
15	3	2	1	3	0	2	1	3	1	7	4	2	2
16	5	7	3	7	2	0	0	2	0	4	2	3	3
17	2	1	5	0	1	4	0	3	3	2	2	0	2
18	3	0	1	2	3	0	1	0	0	3	2	2	2
19	3	1	4	4	3	7	2	2	2	2	0	0	2
20	2	2	2	3	0	5	2	2	9	0	0	4	3
21	0	2	3	6	3	7	0	3	3	3	7	3	3
22	9	4	11	7	5	3	7	2	2	2	8	5	5
23	3	5	8	2	5	0	2	0	0	5	4	0	3
24	3	2	9	9	7	2	2	0	5	3	2	0	4
25	2	7	0	3	2	0	2	4	0	2	3	3	2
26	3	5	5	5	10	3	2	2	2	0	2	2	2
27	2	1	0	0	0	2	0	2	2	2	2	2	1
28	5	5	11	5	3	0	0	2	6	5	2	1	4
29	2	1	2	6	2	2	2	2	0	7	7	6	3
30	8	2	2	11	3	2	3	6	6	4	9	5	5
31	4	2	4	5	1	2	4	2	0	3	0	2	2
MEAN	3	3	4	4	3	2	2	2	2	3	3	3	3
PERCENTAGE OF DATA VALID - 99													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005							MONTH AUG 71						
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	4	2	7	4	4	2	2	4	2	3
2	5	6	4	4	4	3	2	4	0	3	2	3	3
3	3	2	4	6	0	***	3	2	0	3	0	3	2
4	0	0	2	1	2	2	1	1	1	1	0	3	1
5	1	3	0	2	1	2	1	1	1	2	5	3	2
6	0	5	6	2	2	4	0	1	2	0	2	1	2
7	0	3	1	2	2	0	2	2	1	0	2	2	1
8	0	3	2	0	2	0	1	0	2	0	3	2	1
9	2	4	4	3	2	4	0	4	3	1	3	3	3
10	5	4	4	****	****	****	****	****	****	****	****	****	****
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18	****	****	****	****	****	****	2	0	2	2	7	5	****
19	3	15	7	9	4	5	1	1	1	1	3	3	5
20	2	5	2	3	2	2	0	3	1	3	3	5	3
21	2	0	3	3	2	0	0	2	0	0	2	2	1
22	2	1	1	2	1	2	1	2	0	2	2	2	2
23	0	1	0	2	0	0	0	1	1	1	2	2	1
24	1	3	0	4	2	2	2	0	1	1	2	1	2
25	5	6	5	3	4	6	5	5	4	8	10	5	6
26	7	5	3	4	3	4	7	8	1	3	2	2	4
27	5	1	3	6	4	3	3	5	1	2	2	2	4
28	2	1	1	2	1	0	2	2	0	1	2	1	1
29	1	4	3	0	1	2	0	2	0	3	1	3	2
30	1	2	3	1	3	2	1	0	5	1	0	2	2
31	1	5	3	5	1	2	4	2	1	2	3	4	3
MEAN	2	3	3	3	2	3	2	2	2	2	3	3	2
PERCENTAGE OF DATA VALID - 73													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	5	4	10	4	****	2	2	2	4	6	2	4
2	3	6	7	13	1	2	2	7	7	9	7	11	6
3	13	15	9	2	7	2	2	0	6	3	9	5	6
4	11	4	0	7	3	3	3	2	9	3	2	0	4
5	2	3	2	1	0	2	0	2	2	0	5	0	2
6	2	5	1	5	1	5	2	2	3	0	7	2	3
7	0	2	5	2	2	0	3	0	2	2	2	4	2
8	2	5	0	3	3	2	1	0	5	2	3	0	2
9	3	0	3	1	0	1	2	0	2	2	5	3	2
10	5	5	9	****	****	****	5	2	6	7	3	9	6
11	7	7	6	7	2	2	0	2	3	2	0	0	3
12	3	0	2	2	2	2	3	3	5	1	5	0	3
13	4	2	3	3	2	2	4	5	3	2	0	3	3
14	2	2	5	****	0	2	5	0	3	5	2	8	3
15	6	3	15	14	3	3	3	2	4	0	2	2	5
16	2	0	5	8	11	13	2	0	3	9	9	9	6
17	6	3	3	5	3	5	3	0	5	2	6	3	4
18	3	0	0	0	3	3	2	0	0	3	0	2	1
19	3	3	2	5	2	0	0	0	3	3	0	2	2
20	4	5	11	15	0	8	5	2	3	0	3	0	5
21	2	0	2	5	2	2	0	2	2	7	8	11	4
22	5	0	2	4	8	5	2	2	2	5	2	5	4
23	2	4	8	11	5	9	3	2	5	2	0	1	4
24	3	0	3	0	3	3	3	2	0	3	3	2	2
25	3	5	1	3	5	0	2	0	3	5	3	2	3
26	2	7	3	3	2	0	4	2	2	0	1	5	5
27	3	0	5	5	5	****	0	7	7	5	1	2	4
28	7	2	3	9	5	3	11	3	7	10	5	16	7
29	3	2	3	5	3	5	0	5	3	3	0	5	3
30	5	7	1	11	4	5	2	0	5	2	7	6	5
MEAN	4	3	4	6	3	3	2	2	4	3	4	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	3	7	9	****	7	2	2	14	15	11	7
2	10	11	5	10	5	6	4	7	5	5	6	8	7
3	10	2	9	2	3	3	4	0	1	2	2	4	4
4	2	4	6	5	9	1	0	2	4	4	2	3	4
5	8	2	5	2	2	0	4	2	4	0	5	1	3
6	5	3	0	5	0	4	2	0	2	0	1	0	2
7	1	2	0	1	0	6	6	0	0	2	0	2	1
8	0	5	1	9	3	2	4	6	3	2	9	2	4
9	3	2	2	2	4	2	1	0	3	2	1	2	2
10	2	5	2	5	2	0	2	0	2	0	1	2	2
11	1	2	2	2	2	5	2	0	2	2	2	2	2
12	6	5	0	2	3	****	3	2	0	9	8	2	4
13	4	3	9	2	3	7	8	4	3	7	4	3	5
14	2	5	5	4	8	2	6	2	5	6	4	1	4
15	3	2	0	2	2	8	0	2	7	8	9	9	4
16	3	1	1	3	2	3	0	6	2	1	0	2	2
17	5	2	0	5	3	0	2	0	1	3	0	5	2
18	3	3	3	4	2	0	3	0	5	4	0	5	3
19	2	2	4	2	1	3	3	2	7	2	6	0	3
20	3	2	10	9	6	6	5	8	3	6	4	2	5
21	4	6	2	7	6	5	0	1	8	4	10	3	5
22	11	4	3	6	4	6	****	2	4	3	4	4	5
23	3	3	4	0	2	2	2	0	0	2	0	0	2
24	2	2	5	2	0	2	0	1	0	3	0	3	2
25	0	1	3	0	5	3	0	2	0	2	1	2	2
26	2	0	1	1	2	4	2	0	5	0	2	4	2
27	2	2	2	9	1	0	0	0	1	0	0	1	2
28	0	0	1	0	0	0	****	6	4	9	4	4	3
29	2	3	2	8	8	3	2	4	5	8	8	11	5
30	9	6	2	6	8	8	2	6	7	4	2	2	5
31	2	2	2	4	2	4	2	2	3	2	0	2	2
MEAN	4	3	3	4	3	3	3	2	3	4	4	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX						UNITS - COHS/1000FEET X 10							
STATION - QUEENSWAY HOSPITAL ETOBICOKE						NO 35005							
						MONTH NOV 71							
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	3	2	4	4	0	2	2	4	16	7	2	4
2	2	1	2	1	4	0	1	0	0	0	0	2	1
3	2	0	1	2	2	2	2	0	***	2	2	3	2
4	3	5	2	7	3	3	3	3	0	3	2	2	2
5	2	0	3	2	3	2	2	2	0	2	2	2	2
6	2	0	0	0	5	0	0	0	0	2	0	2	1
7	0	2	3	1	2	1	0	5	2	6	13	13	4
8	5	7	7	3	5	2	2	2	4	5	5	3	4
9	2	4	2	3	3	2	2	0	2	2	3	3	2
10													
11	2	2	0	2	2	0	0	2	2	3	0	4	2
12	5	3	4	7	5	3	2	3	***	3	3	3	4
13	5	7	7	5	3	1	3	5	2	3	0	4	4
14	2	0	2	2	0	0	3	2	3	2	4	0	2
15	5	2	5	5	11	7	13	7	11	11	3	2	7
16	0	***	5	***	3	4	7	3	5	3	7	5	4
17	3	5	9	7	9	5	5	7	4	12	8	10	7
18	13	9	9	15	19	2	7	9	***	11	9	5	10
19	5	3	3	3	0	5	0	2	3	0	2	5	3
20	1	2	4	6	5	2	5	3	1	3	2	3	3
21	2	4	0	0	2	2	0	2	2	0	0	2	1
22	2	2	0	2	2	3	2	2	3	0	2	5	2
23	2	4	3	4	14	2	3	4	4	3	1	2	4
24	0	1	2	3	1	4	3	6	4	3	4	5	3
25	9	9	3	5	9	7	0	3	3	3	4	5	5
26	5	4	4	4	5	7	4	2	***	4	8	5	5
27	3	2	2	4	2	4	3	2	3	8	7	5	4
28	3	2	1	0	1	1	0	0	0	2	2	4	1
29	2	1	2	4	5	2	4	2	3	4	2	2	3
30	2	2	1	0	1	2	0	2	0	2	2	2	1
MEAN	3	3	3	4	4	3	3	3	3	4	4	4	3
PERCENTAGE OF DATA VALID - 98													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX						UNITS - COHS/1000FEET X 10							
STATION - QUEENSWAY HOSPITAL ETOBICOKE						NO 35005							
						MONTH DEC 71							
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	3	4	2	3	0	2	5	8	6	5	3
2	3	2	2	10	8	2	***	***	***	2	4	4	4
3	2	3	2	3	2	3	2	2	7	4	4	3	3
4	1	2	1	1	2	2	1	4	2	3	3	2	2
5	5	3	0	1	1	2	1	2	3	1	5	4	2
6	3	2	2	5	4	2	3	4	7	5	5	8	4
7	8	9	3	7	10	5	5	6	2	11	3	5	6
8	3	3	4	3	13	7	13	5	6	5	3	2	6
9	7	2	9	3	8	5	3	6	7	11	7	4	6
10	11	9	5	9	7	3	7	7	6	4	7	3	7
11	0	0	3	0	0	7	0	0	4	2	4	2	2
12	3	2	5	7	3	3	4	3	9	0	5	9	4
13	5	0	5	0	2	0	0	4	0	0	2	0	2
14	0	2	5	7	17	15	0	3	5	2	0	4	5
15	5	2	0	2	5	3	2	6	7	2	0	8	4
16	2	0	3	2	0	5	2	3	***	0	4	2	2
17	4	0	2	5	2	3	5	6	2	5	0	3	3
18	3	2	0	3	0	3	8	0	0	3	5	0	2
19	6	6	2	0	7	2	6	7	5	7	12	5	5
20	0	9	2	6	3	2	7	7	4	9	4	4	5
21	2	7	5	6	2	2	0	5	0	2	2	2	3
22	5	0	2	3	2	2	0	4	5	10	19	21	6
23	9	0	0	5	0	***	***	9	9	6	13	6	6
24	9	2	5	0	2	2	2	1	3	0	3	3	3
25	0	2	3	0	3	2	2	3	0	6	0	5	2
26	0	7	3	5	2	5	4	0	0	3	2	2	3
27	2	0	0	2	7	0	7	2	3	3	3	4	3
28	3	2	6	2	5	2	0	0	0	2	3	9	3
29	7	0	3	0	9	3	4	3	2	4	4	5	4
30	5	0	4	2	3	1	4	***	6	2	1	4	3
31	0	0	3	3	13	5	4	7	5	8	8	7	5
MEAN	4	3	3	3	5	3	3	4	4	4	4	5	4
PERCENTAGE OF DATA VALID - 98													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	3	7	12
FEB	28	4	13	25
MAR	28	3	5	15
APR	30	2	7	12
MAY	21	3	7	17
JUN	30	3	5	13
JUL	31	3	5	13
AUG	24	2	6	15
SEP	30	4	7	16
OCT	31	3	7	15
NOV	30	3	10	19
DEC	31	4	7	21
YEAR	340	3	13	25

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	215	70	6	0	0	0	0	291
FEB	249	62	9	4	2	0	0	326
MAR	275	48	3	0	0	0	0	326
APR	299	38	3	0	0	0	0	340
MAY	172	63	8	1	0	0	0	244
JUN	251	104	3	0	0	0	0	358
JUL	294	71	4	0	0	0	0	369
AUG	235	36	1	0	0	0	0	272
SEP	240	98	15	1	0	0	0	354
OCT	270	92	6	0	0	0	0	368
NOV	270	71	11	2	0	0	0	354
DEC	240	113	9	2	1	0	0	365
YEAR	3010	866	78	10	3	0	0	3967

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
90	0	0.4	1.2	1.9	3.3	6.4	8.1	10.3	12.3	25	3.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	9	3	4	0	3	1	5	6	7	15	8	6
2	12	11	12	12	5	4	4	5	0	4	2	1	6
3	0	1	0	2	4	3	2	0	0	3	2	2	2
4	0	0	2	2	6	0	8	2	4	2	*****	*****	3
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	5	5	4	5	4	3	4	3	3	4	6	4	4

PERCENTAGE OF DATA VALID - 12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	13	3	2	8	2	2	3	0	3	2	5	4
2	2	5	4	2	2	3	12	7	3	3	3	6	4
3	3	1	10	4	0	3	0	3	0	7	5	3	3
4	3	2	0	2	2	0	4	0	3	3	2	*****	2
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23	*****	*****	*****	*****	*****	*****	*****	*****	0	4	6	3	*****
24	4	6	0	0	1	2	1	0	2	2	3	6	2
25	5	3	2	2	5	2	3	1	3	2	2	2	3
26	2	0	4	11	7	14	4	2	5	3	3	4	5
27	0	3	2	3	5	2	3	1	2	0	2	0	2
28	0	2	2	0	3	2	3	1	2	3	2	1	2
MEAN	2	4	3	3	4	3	4	2	2	3	3	3	3

PERCENTAGE OF DATA VALID - 33

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	1	2	2	1	2	0	2	0	0	2	1
2	2	3	3	9	5	2	1	3	0	2	5	1	3
3	2	1	2	2	3	5	2	1	3	0	0	2	2
4	0	0	0	2	2	0	0	2	1	4	2	1	1
5	2	2	1	2	5	2	1	3	5	3	6	5	3
6	4	2	2	1	8	3	2	6	2	1	0	2	3
7	0	1	0	0	0	0	0	1	0	0	2	2	1
8	0	0	2	2	0	2	0	2	4	2	2	2	2
9	1	2	1	1	3	3	0	0	0	2	6	0	2
10	2	3	6	9	11	0	****	****	****	****	****	****	****
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29	****	****	****	****	****	****	- DATA MISSING -						
30	2	0	0	0	1	0	3	1	4	1	0	1	****
							2	2		8	2	7	2
31	5	5	1	0	0	1	0	1	2	2	0	0	1
MEAN	2	2	2	3	3	2	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 38

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	1	2	2	1	2	4	0	0	0	2	1
2	1	2	1	2	1	3	2	2	2	0	4	0	2
3	0	0	1	2	0	2	3	2	2	0	0	1	1
4	0	1	2	0	0	0	1	0	3	2	0	1	1
5	2	1	6	1	0	1	1	2	3	2	2	1	1
6	5	2	4	2	0	2	1	1	7	4	1	5	2
7	2	1	6	3	1	2	0	0	2	2	1	2	3
8	6	2	2	2	1	0	2	1	1	2	2	3	2
9	3	1	2	2	4	1	0	1	4	0	0	1	2
10	2	2	1	0	0	0	2	2	2	2	4	3	2
11	0	9	4	0	1	2	0	2	2	1	2	2	2
12	7	5	2	1	1	3	3	2	3	6	7	3	4
13	4	5	6	2	0	2	3	2	0	1	0	1	2
14	0	1	2	0	0	1	2	0	0	1	0	1	1
15	2	1	1	0	1	0	0	1	3	1	1	0	1
16	2	0	1	2	2	1	2	0	2	0	2	1	1
17	5	3	2	1	0	2	2	3	1	2	3	3	2
18	3	2	0	1	2	1	0	0	0	1	2	2	1
19	0	2	2	3	0	2	2	3	2	1	2	0	2
20	2	1	3	6	2	2	1	3	0	2	2	1	2
21	2	1	3	2	1	2	1	1	2	3	2	0	2
22	2	1	1	2	3	2	1	2	1	2	3	1	2
23	3	2	1	3	1	2	3	2	1	2	1	2	2
24	1	2	2	1	2	1	2	1	1	2	1	2	2
25	2	2	2	2	2	2	2	2	1	1	2	3	2
26	1	2	2	3	4	1	2	1	1	2	1	3	2
27	2	2	1	1	0	0	2	2	2	3	2	2	2
28	0	3	2	0	3	3	0	0	2	0	2	2	1
29	3	0	5	0	2	3	0	2	1	0	4	0	1
30	0	5	2	7	3	3	0	3	2	0	1	2	2
MEAN	2	2	2	2	1	2	1	2	2	1	2	2	2

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	4	7	3	0	2	2	0	1	5	0	2
2	4	7	3	4	2	0	3	0	2	2	2	2	3
3	2	0	0	4	2	2	0	5	0	0	2	2	2
4	2	0	0	0	2	5	0	5	0	2	0	1	1
5	3	4	2	3	2	0	2	0	3	2	3	2	2
6	3	5	3	7	3	0	3	0	3	0	0	3	3
7	2	2	0	5	3	7	0	2	1	0	0	0	2
8	3	0	3	3	3	0	1	2	0	3	0	2	2
9	6	5	3	4	0	2	2	2	2	3	0	2	3
10	0	5	0	4	2	2	3	3	2	2	0	0	2
11	5	4	2	2	5	3	0	2	0	0	2	3	2
12	2	7	5	8	0	3	***	2	0	2	0	2	3
13	2	1	0	1	0	0	3	1	0	0	0	0	1
14	2	2	0	2	1	2	3	0	1	3	1	0	1
15	0	0	0	2	2	0	2	5	0	2	0	0	1
16	0	0	2	1	1	3	1	1	0	0	1	2	1
17	2	0	1	1	0	1	1	1	2	0	0	2	1
18	3	0	1	1	2	3	2	0	1	1	0	2	1
19	1	0	2	2	2	0	2	2	2	1	0	0	1
20	0	0	2	2	2	2	0	0	2	0	2	2	1
21	1	0	2	1	2	1	0	1	0	2	0	1	1
22	0	0	4	1	0	2	1	0	0	2	1	3	1
23	1	2	0	0	0	0	0	2	0	1	1	4	1
24	0	0	1	0	1	2	0	2	1	0	0	2	1
25	1	1	1	0	1	0	2	2	1	0	2	0	1
26	0	2	0	2	0	2	2	1	2	0	3	0	1
27	2	0	0	1	2	1	0	0	0	4	0	2	1
28	0	2	1	0	2	1	0	0	0	1	2	2	1
29	3	2	2	1	2	0	0	0	0	1	0	0	1
30	0	2	1	2	2	0	0	0	0	1	0	0	1
31	1	2	2	0	2	0	2	0	0	2	0	1	1
MEAN	2	2	2	2	2	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	1	3	3	0	****	****	****	****	****	****	****
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27	****	****	****	****	****	****	****	3	2	0	2	2	****
28	0	0	0	3	0	2	0	0	2	0	1	1	1
29	2	0	4	0	0	0	3	2	0	2	1	0	1
30													
MEAN	1	1	2	2	1	1	2	2	1	1	1	1	1

PERCENTAGE OF DATA VALID - 9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	3	2	2	0	0	2	0	0	0	1
2	1	2	5	0	0	0	0	2	1	0	0	2	1
3	0	3	0	3	1	2	2	0	2	0	2	2	1
4	0	2	1	3	2	2	0	0	0	2	2	0	1
5	2	0	2	0	1	0	1	3	2	0	0	2	1
6	0	2	0	3	0	1	1	2	3	3	3	0	1
7	2	3	2	2	3	0	0	0	2	2	2	2	2
8	0	3	2	0	0	5	0	4	3	1	3	0	2
9	2	1	1	3	0	2	5	2	3	1	0	0	2
10	2	2	2	0	5	0	0	4	0	2	2	3	2
11	1	0	0	0	0	2	2	0	2	1	0	0	1
12	2	1	1	3	2	2	0	0	0	3	3	2	2
13	0	0	5	0	1	2	2	0	2	0	0	2	1
14	0	0	1	0	3	0	0	2	3	0	2	1	1
15	0	4	3	0	5	2	0	1	0	2	2	0	2
16	3	0	3	0	2	3	0	0	2	1	2	1	1
17	2	0	2	3	0	3	0	0	2	0	0	0	1
18	5	2	2	0	2	2	2	0	0	2	1	0	2
19	3	0	2	5	2	2	2	0	0	0	0	0	1
20	3	2	2	3	0	3	0	0	0	2	2	5	2
21	2	2	3	0	0	1	0	0	2	0	5	0	1
22	2	0	3	0	5	2	2	2	5	0	3	0	2
23	1	3	0	3	4	2	5	2	0	3	0	2	2
24	9	0	3	2	3	2	0	0	0	0	5	1	2
25	0	0	3	2	2	0	0	0	0	4	2	0	1
26	3	2	0	0	7	0	0	0	2	5	0	4	2
27	1	0	0	2	0	3	0	0	0	2	4	0	1
28	0	4	0	0	5	3	2	0	7	0	3	0	2
29	0	1	2	0	2	0	4	2	0	3	0	5	2
30	5	1	3	2	2	2	0	3	0	0	2	3	2
31	2	6	0	3	0	0	0	2	0	2	3	0	2
MEAN	2	2	2	1	2	2	1	1	1	1	2	1	1

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	5	3	2	3	3	0	2	0	2	2	2	2
2	2	3	2	2	2	0	3	0	3	2	2	3	2
3	0	2	0	3	0	1	0	0	3	0	0	2	1
4	2	0	3	4	0	0	0	0	2	0	0	5	1
5	2	1	2	2	0	2	0	0	2	0	0	2	1
6	2	1	0	1	0	2	0	2	0	0	0	0	1
7								****	****	****	****	****	****
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	2	2	2	2	1	1	1	1	2	1	1	3	1

PERCENTAGE OF DATA VALID - 18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008							MONTH SEP 71						
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5	****	****	****	****	****	****	****	****					****
6	0	2	0	3	2	0	3	2	3	7	6	0	1
7	3	0	5	2	3	0	0	2	0	0	2	0	2
8	0	1	2	3	5	1	0	0	2	6	3	2	2
9	0	3	2	0	3	2	0	2	1	3	3	2	2
10	3	2	3	7	3	3	3	3	4	0	0	2	3
11	2	0	0	4	0	5	2	0	0	0	0	2	1
12	1	2	1	2	0	2	1	2	3	2	3	3	2
13	1	1	0	4	2	3	5	3	3	5	5	9	3
14	7	9	6	6	5	3	2	3	****	****	****	****	5
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	2	2	2	3	3	2	2	2	2	3	3	2	2
PERCENTAGE OF DATA VALID -	30												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008							MONTH OCT 71						
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14	****	****	****	****	****	****	****	****	3	8	5	3	****
15	7	5	0	5	7	3	4	2	2	5	4	12	5
16	11	6	5	8	4	12	8	2	3	7	6	6	7
17	2	2	6	0	0	3	0	2	3	3	0	5	2
18	2	2	0	5	6	4	7	4	1	5	3	7	4
19	4	6	10	9	6	2	0	3	1	3	13	7	5
20	6	6	15	32	20	5	2	5	6	3	12	16	11
21	13	11	14	21	23	6	4	7	3	2	8	15	11
22	16	9	10	2	0	0	4	0	2	5	2	6	5
23	7	8	9	9	2	2	0	6	0	3	3	0	4
24	2	2	3	4	0	8	1	2	0	3	0	0	2
25	3	0	1	2	6	2	6	1	6	0	4	1	3
26	1	3	5	0	3	***	2	1	2	4	4	3	3
27	7	8	9	14	3	3	2	0	4	0	6	5	5
28	3	6	4	7	1	2	1	2	3	8	13	9	5
29	7	7	3	18	16	5	3	1	2	6	2	19	7
30	12	4	8	4	9	4	7	4	7	7	4	3	6
31	1	1	1	4	9	4	3	4	5	1	0	2	3
MEAN	6	5	6	8	7	4	3	3	3	4	5	7	5
PERCENTAGE OF DATA VALID -	55												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	5	8	5	6	3	4	4	10	4	1	4
2	2	4	4	1	4	0	1	1	4	0	2	1	2
3	5	0	4	8	3	0	5	0	2	2	3	3	3
4	0	9	4	0	4	1	1	1	2	6	1	8	3
5	2	6	2	2	4	6	2	5	1	2	4	0	3
6	2	8	0	6	0	3	0	2	2	2	1	4	3
7	0	2	1	1	0	0	0	0	2	2	2	7	1
8	6	7	2	1	3	2	0	4	1	9	9	7	4
9	19	10	9	2	6	4	3	7	7	6	6	5	7
10	5	3	2	6	7	3	3	1	6	3	3	7	4
11	3	6	1	9	4	1	9	0	4	2	3	7	4
12	3	0	8	12	16	2	5	3	7	2	4	4	6
13	13	4	2	7	5	2	0	2	3	3	0	2	4
14	2	0	1	3	2	3	3	0	5	2	4	5	3
15	1	1	4	7	8	4	10	7	13	11	7	3	6
16	4	5	6	2	7	2	3	0	3	9	5	3	4
17	3	0	7	9	0	7	5	7	6	4	2	13	5
18	14	14	10	16	23	6	4	7	2	3	2	9	9
19	6	6	2	6	2	2	0	2	2	0	3	3	3
20	1	2	0	2	3	2	4	0	4	4	1	4	2
21	9	0	2	1	2	0	5	0	0	0	7	0	2
22	3	3	0	2	1	2	2	0	5	6	2	2	2
23	2	3	4	10	11	0	2	2	0	0	1	0	3
24	2	0	0	0	0	1	4	2	2	4	2	2	2
25	7	7	5	4	9	4	3	4	8	6	5	4	6
26	6	7	5	6	6	7	0	3	6	6	3	3	5
27	3	4	2	2	2	3	2	3	3	2	9	6	3
28	5	3	2	4	2	1	2	0	3	2	2	5	3
29	3	1	4	0	7	0	2	3	3	2	3	5	3
30	0	4	0	2	2	3	2	5	3	6	3	5	3
MEAN	4	4	3	5	5	3	3	2	4	4	3	4	4

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	6	6	2	****	0	3	3	6	7	5	4
2	8	3	7	11	7	2	3	2	4	5	2	4	5
3	7	4	0	5	5	2	3	0	5	2	2	2	3
4	3	5	0	2	5	0	2	0	0	2	2	3	2
5	0	2	0	0	0	3	2	2	1	4	2	1	2
6	2	2	2	1	1	1	0	2	2	4	2	10	2
7	6	7	9	9	11	3	2	4	5	7	5	2	6
8	2	2	1	5	8	1	1	2	2	2	1	5	3
9	2	5	2	7	2	2	4	2	5	3	2	4	3
10	6	2	4	6	2	3	2	1	4	3	2	2	3
11	0	2	1	1	0	2	2	1	1	2	4	1	1
12	5	4	9	8	5	3	4	2	6	3	5	5	5
13	3	1	4	0	3	2	2	0	2	3	2	3	2
14	2	5	4	12	17	2	3	1	2	2	2	3	5
15	2	2	0	2	0	3	3	4	2	0	3	2	2
16	2	0	0	2	***	3	0	1	2	0	0	3	2
17	3	3	2	2	2	2	1	3	2	2	2	2	2
18	0	1	0	2	3	3	2	2	1	2	2	2	4
19	7	1	1	3	1	4	2	2	5	5	8	4	4
20	4	3	1	2	6	5	4	7	5	3	4	4	4
21	4	8	5	7	5	3	3	1	2	3	1	0	4
22	4	0	1	2	2	1	2	0	5	8	16	5	4
23	2	0	2	3	2	2	3	1	3	2	2	4	2
24	4	2	3	2	0	3	5	2	4	3	3	1	3
25	2	1	2	2	3	2	2	2	2	2	2	2	2
26	3	2	6	3	2	5	3	2	2	3	2	2	3
27	3	0	1	2	5	0	2	1	0	2	7	3	2
28	3	0	2	4	4	5	0	4	0	3	4	2	4
29	2	0	5	4	3	2	2	5	0	6	4	2	3
30	8	3	2	3	2	3	2	4	3	5	4	5	4
31	3	2	3	3	9	8	4	4	3	7	11	9	6
MEAN	3	2	3	4	4	3	2	2	3	3	4	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	4	4	6	15
FEB	10	3	5	14
MAR	13	2	3	11
APR	30	2	4	9
MAY	31	1	3	8
JUN	4	1	1	4
JUL	31	1	2	9
AUG	6	1	2	5
SEP	10	2	5	9
OCT	18	5	11	32
NOV	30	4	9	23
DEC	31	3	6	17
YEAR	218	3	11	32

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	31	10	5	0	0	0	0	46
FEB	91	16	4	0	0	0	0	111
MAR	126	17	1	0	0	0	0	144
APR	342	18	0	0	0	0	0	360
MAY	352	19	0	0	0	0	0	371
JUN	35	0	0	0	0	0	0	35
JUL	350	22	0	0	0	0	0	372
AUG	65	2	0	0	0	0	0	67
SEP	92	16	0	0	0	0	0	108
OCT	116	69	13	6	2	1	0	207
NOV	246	102	8	3	1	0	0	360
DEC	294	70	4	2	0	0	0	370
YEAR	2140	361	35	11	3	1	0	2551

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
58	0	0.3	0.8	1.5	2.4	5.2	6.9	9.9	12.6	32	2.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	7	4	7	6	2	2	9	11	16	23	8	8
2	14	16	17	15	12	6	0	2	1	3	2	2	8
3	2	1	2	0	1	4	3	5	2	3	3	5	3
4	4	0	0	2	1	4	4	6	4	5	3	2	3
5	1	0	1	2	2	6	0	3	4	4	4	6	3
6	2	6	4	7	6	3	2	4	7	11	6	6	5
7	****	****	****	****	****	****	5	3	4	3	5	4	****
8	3	2	2	4	13	5	7	9	6	9	9	13	7
9	5	7	2	9	5	7	3	3	3	5	2	5	5
10	13	11	7	11	2	7	2	5	3	3	3	0	6
11	2	2	5	11	13	9	4	7	7	4	5	0	6
12	5	0	5	2	4	3	3	2	5	3	10	9	4
13	3	5	5	7	9	7	2	5	0	5	3	5	5
14	5	2	6	7	5	7	9	5	3	5	2	3	5
15	0	3	3	0	1	7	2	3	3	2	5	3	3
16	6	2	0	5	6	7	2	3	8	7	5	2	4
17	5	6	5	7	3	0	0	2	0	0	3	1	3
18	0	0	3	3	9	2	3	0	5	3	3	5	3
19	2	0	2	6	5	5	5	2	7	2	3	0	3
20	2	3	2	8	7	5	3	2	7	5	6	2	4
21	7	3	8	5	5	4	2	2	5	1	2	2	4
22	2	3	2	2	5	0	3	2	3	2	3	2	3
23	7	11	5	0	3	0	0	2	0	7	0	6	3
24	3	0	5	5	7	5	7	7	2	5	7	3	4
25	6	3	3	7	8	10	5	5	7	3	7	8	6
26	7	3	4	3	2	3	3	2	1	3	2	1	3
27	5	0	2	2	4	2	3	3	7	2	2	3	3
28	0	0	3	4	3	3	5	5	4	3	3	2	3
29	3	0	5	7	2	7	2	3	9	4	4	0	4
30	7	2	2	2	0	2	0	2	0	1	0	2	2
31	2	4	0	2	3	2	4	2	5	3	5	3	3
MEAN	4	3	4	5	5	5	3	4	4	4	5	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	3	4	4	7	3	2	3	2	3	3	0	3
2	4	5	6	3	2	2	0	0	2	4	3	7	3
3	5	3	12	7	15	13	11	5	5	6	6	3	8
4	18	5	0	2	3	3	9	2	0	2	0	2	4
5	0	2	4	7	3	3	2	2	2	5	2	4	3
6	2	3	2	5	1	0	5	5	0	2	2	7	3
7	2	9	7	11	9	8	3	3	3	11	5	7	7
8	4	3	5	2	8	2	7	7	2	5	2	2	4
9	2	0	0	5	3	2	2	5	3	0	3	3	2
10	4	2	3	5	2	3	3	3	0	6	7	7	4
11	5	5	9	7	5	5	7	9	7	9	3	0	6
12	2	3	2	9	5	18	8	8	8	5	2	2	6
13	0	0	1	2	2	1	0	2	2	2	0	3	1
14	1	0	3	0	3	3	2	1	2	2	2	1	2
15	1	2	4	3	4	7	2	2	4	2	5	2	3
16	1	2	1	6	10	6	2	2	2	3	4	4	7
17	12	7	6	9	5	9	11	9	6	4	4	5	7
18	3	3	3	5	5	4	5	4	4	4	3	6	4
19	3	6	7	11	2	0	6	0	2	0	2	2	3
20	0	2	5	9	5	17	20	13	8	3	2	2	7
21	0	3	0	0	0	4	1	4	2	4	4	3	2
22	6	3	2	5	7	4	6	3	2	0	3	5	4
23	0	2	4	4	6	4	2	2	2	5	4	2	3
24	2	2	2	6	2	3	2	2	3	3	2	2	3
25	4	4	9	4	5	8	2	5	5	9	5	5	5
26	8	14	29	21	31	18	9	10	10	12	6	3	14
27	2	3	2	2	2	0	1	2	2	0	0	0	1
28	4	0	0	2	0	1	2	2	2	2	0	4	2
MEAN	4	3	5	6	6	5	5	4	3	4	3	3	4

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	3	4	4	4	2	****	8	3	4	10	4
2	3	3	5	4	12	9	4	1	2	2	4	7	5
3	0	2	2	3	4	5	4	2	3	4	3	2	3
4	2	2	2	2	2	2	3	3	1	0	5	2	2
5	3	2	1	3	5	4	4	4	7	5	4	6	4
6	4	5	3	5	5	3	2	3	3	2	2	2	3
7	0	3	2	2	1	0	0	2	2	0	2	1	1
8	0	2	0	0	0	2	5	4	2	2	5	3	2
9	2	0	2	2	2	2	3	0	0	2	2	2	2
10	2	4	10	7	19	20	2	2	3	3	0	4	6
11	1	5	2	2	2	3	2	3	2	5	13	****	4
12	5	9	5	6	17	17	8	3	4	5	2	2	7
13	9	11	9	9	5	6	3	5	8	5	9	7	7
14	11	11	11	17	3	3	5	3	4	7	21	23	10
15	31	7	5	13	4	4	2	21	2	2	2	0	8
16	0	2	2	0	3	0	1	2	3	5	2	3	2
17	2	2	0	6	2	3	2	5	3	1	2	4	3
18	3	0	7	10	6	7	4	3	5	3	4	3	5
19	2	2	2	3	2	5	3	2	3	8	3	2	3
20	2	6	7	5	6	1	0	2	1	2	3	1	3
21	0	2	0	0	1	5	2	2	3	2	3	0	2
22	3	5	8	3	8	3	0	****	3	4	2	6	3
23	4	3	7	6	2	3	3	2	3	2	2	2	3
24	2	1	1	1	3	2	3	2	2	2	3	3	2
25	3	3	3	4	1	2	1	1	1	2	6	6	3
26	6	5	4	7	4	2	1	****	2	3	2	2	3
27	9	4	12	8	0	0	0	0	0	0	3	0	3
28	1	0	0	2	3	2	2	5	2	8	5	8	3
29	1	5	6	5	5	1	0	3	2	2	1	2	3
30	0	2	2	3	2	3	2	3	2	2	4	2	2
31	3	6	4	11	3	2	2	2	3	2	3	0	3
MEAN	4	4	4	5	4	4	2	3	3	3	4	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	2	3	6	7	9	7	9	5	3	5	2	5
2	2	4	1	5	2	3	0	2	0	5	2	3	2
3	0	3	2	1	1	0	3	0	2	2	3	2	2
4	0	2	2	2	2	2	1	0	2	1	2	3	2
5	2	5	2	8	2	3	0	3	2	7	5	7	4
6	7	3	11	4	7	0	3	****	4	2	10	3	5
7	5	2	2	3	1	1	2	2	2	3	2	2	2
8	4	2	3	2	4	2	1	2	2	2	3	2	2
9	7	5	5	8	7	3	3	3	5	2	3	2	4
10	0	2	2	2	0	0	2	1	1	2	3	6	2
11	5	9	13	16	4	4	3	2	3	6	8	7	7
12	13	12	12	9	9	10	9	6	4	14	15	16	11
13	13	5	5	6	4	0	2	2	2	2	2	0	4
14	1	1	2	3	2	1	1	****	0	3	0	2	1
15	3	5	3	6	2	2	1	1	2	3	2	5	3
16	2	3	1	2	1	0	1	4	1	2	7	3	2
17	11	10	2	2	1	1	2	2	2	3	2	3	3
18	8	8	3	1	1	3	4	0	1	1	4	2	3
19	2	3	4	4	4	2	3	2	****	6	2	3	3
20	4	2	5	11	5	2	2	0	1	3	2	2	3
21	6	1	0	0	3	1	1	2	1	1	1	2	2
22	1	1	0	2	3	2	2	2	1	1	1	2	2
23	2	0	0	2	2	1	2	2	1	2	2	1	1
24	0	4	3	0	1	0	1	2	0	1	2	1	1
25	0	1	2	2	2	0	0	0	2	2	2	1	1
26	1	1	1	2	1	1	1	1	2	2	2	2	1
27	0	1	0	2	3	2	2	****	4	4	6	0	2
28	2	3	2	4	10	5	3	6	12	7	3	6	5
29	2	3	3	3	6	2	7	2	3	3	9	2	4
30	0	3	2	4	2	4	1	3	1	2	3	6	3
MEAN	4	4	3	4	3	2	2	2	2	3	4	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	2	7	5	2	3	2	3	3	0	4	3	3
2	4	3	3	6	0	2	0	7	4	0	1	0	3
3	0	2	1	5	5	1	2	2	3	2	1	0	2
4	3	2	1	1	4	2	0	1	5	1	4	3	2
5	3	2	9	7	7	3	0	5	2	2	8	9	5
6	7	2	3	7	4	7	0	0	3	2	3	3	4
7	2	2	3	5	7	2	5	0	2	2	5	3	3
8	4	0	2	1	5	1	3	2	2	3	5	7	3
9	3	5	3	6	0	0	2	1	0	2	5	1	2
10	3	4	4	7	3	2	2	2	0	3	5	2	3
11	5	4	8	10	3	6	3	7	2	4	5	7	5
12	6	4	5	5	5	4	5	2	0	3	3	0	4
13	3	0	3	2	2	0	4	0	1	4	3	0	2
14	0	5	1	4	0	0	3	1	0	2	4	2	1
15	6	1	9	5	7	2	3	4	4	4	3	5	5
16	5	1	3	1	2	2	2	3	3	0	0	2	2
17	3	2	0	3	3	0	2	3	1	0	3	12	3
18	12	4	6	4	5	5	3	0	6	6	4	8	5
19	3	4	7	7	6	6	3	2	8	7	7	8	5
20	2	0	4	2	2	2	4	3	2	2	3	0	2
21	2	3	5	5	2	4	3	2	0	2	5	0	3
22	1	2	2	2	1	1	2	0	1	2	0	1	1
23	3	2	2	0	2	2	0	2	0	2	5	8	2
24	5	4	3	2	2	2	3	0	3	2	5	3	3
25	2	7	7	5	7	0	0	2	2	3	0	2	3
26	0	4	0	2	2	1	1	0	2	1	0	4	3
27	1	0	0	6	2	3	2	1	0	5	2	5	2
28	4	3	2	3	2	4	3	2	1	5	1	8	3
29	6	2	3	4	4	2	0	4	0	1	2	8	3
30	4	3	2	3	2	2	1	2	0	1	1	2	2
31	2	2	2	2	2	0	2	2	2	0	2	0	2
MEAN	4	3	4	4	3	2	2	2	2	2	3	4	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3	*****	*****	*****	*****	5	7	- DATA MISSING -						
4	8	8	14	8	9	4	4	4	2	2	2	8	4
5	6	2	2	3	1	2	2	0	2	2	4	6	6
6	5	6	2	0	4	1	4	5	7	9	6	3	4
7	2	5	7	10	2	0	2	8	5	2	3	3	4
8	6	7	12	8	4	1	4	3	2	3	4	4	5
9	0	2	3	2	3	2	2	4	2	3	3	0	2
10	2	3	6	4	2	0	2	1	2	3	6	10	3
11	3	13	16	8	2	2	4	2	5	2	3	5	5
12	7	12	7	4	6	5	8	2	3	6	6	5	6
13	12	7	6	5	2	2	3	3	3	9	5	5	5
14	7	10	13	8	5	3	2	2	0	4	5	2	5
15	2	7	6	3	6	5	2	2	3	2	4	2	4
16	2	3	2	8	5	1	2	3	1	1	4	7	3
17	12	5	12	10	3	3	2	2	2	8	2	8	6
18	8	14	12	13	5	10	2	5	4	2	4	2	7
19	7	11	14	14	5	10	7	6	5	4	4	4	8
20	5	3	3	5	5	2	2	2	1	2	2	1	3
21	2	5	4	3	2	3	3	2	2	2	3	1	3
22	2	2	2	4	2	3	2	2	0	3	3	7	3
23	10	13	15	9	3	3	4	5	3	2	2	0	6
24	1	2	5	4	2	4	5	5	3	1	2	2	3
25	1	3	5	1	4	5	3	6	3	3	0	2	3
26	0	4	4	0	2	3	0	0	0	7	0	2	3
27	2	5	3	3	5	0	6	0	2	3	2	3	2
28	4	2	7	5	4	2	2	5	6	5	5	3	3
29	7	5	3	2	2	2	0	0	5	4	0	4	4
30	2	9	7	2	11	6	3	4	4	3	2	3	5
MEAN	5	6	7	5	4	3	3	3	3	3	4	4	4

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	0	2	3	0	0	0	2	2	0	3	1
2	1	0	5	2	6	0	3	0	3	0	3	0	2
3	2	0	3	0	2	1	0	5	4	7	0	3	2
4	2	2	2	3	0	0	2	3	2	0	1	1	2
5	4	2	3	10	5	5	8	5	5	5	7	2	5
6	0	3	0	8	2	3	2	3	0	5	3	5	3
7	5	2	7	7	7	4	3	5	1	0	2	6	4
8	4	3	6	0	7	3	3	7	3	2	3	3	4
9	2	0	3	4	5	0	4	2	0	2	1	7	3
10	3	2	0	3	2	0	0	4	0	0	3	0	1
11	3	2	0	3	0	2	0	0	0	0	2	0	1
12	2	5	2	4	12	0	2	0	0	3	3	0	3
13	2	9	0	2	3	7	0	7	2	3	0	6	3
14	5	0	5	2	0	4	0	4	0	6	0	0	3
15	3	0	7	6	3	3	3	0	5	0	3	5	3
16	3	1	2	0	0	6	3	2	1	0	2	2	1
17	2	0	0	3	1	0	0	0	0	0	0	2	1
18	0	1	0	3	0	5	0	0	3	0	0	2	1
19	0	4	3	3	5	5	0	0	0	3	0	3	2
20	0	5	3	7	1	3	2	0	3	0	5	2	3
21	5	0	1	13	4	3	0	5	5	2	4	3	4
22	5	3	13	0	7	2	5	5	2	2	0	7	4
23	4	3	3	8	5	0	7	2	3	3	3	5	4
24	2	5	3	9	5	2	0	0	0	3	3	0	2
25	2	2	1	2	0	5	0	3	0	3	2	0	2
26	5	2	3	3	5	3	3	3	5	0	3	0	3
27	4	3	0	3	0	0	0	2	2	3	2	0	2
28	0	3	3	2	0	2	0	2	5	3	12	1	3
29	2	5	5	3	5	2	3	3	3	0	5	5	3
30	1	2	5	4	2	2	2	2	4	5	2	3	3
31	0	2	0	3	2	2	1	0	0	0	3	0	1
MEAN	2	2	3	4	3	2	2	2	2	2	3	2	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	3	2	0	6	0	2	2	1	0	2	2
2	2	7	3	2	3	2	3	0	5	0	2	0	2
3	3	4	5	3	5	2	1	2	0	0	3	2	3
4	0	3	3	2	5	1	3	3	0	2	3	2	2
5	0	3	1	2	0	0	0	0	2	2	3	2	2
6	3	0	5	3	3	2	1	***	2	2	1	4	2
7	2	3	2	2	2	0	2	2	2	0	2	1	2
8	1	2	0	2	2	0	2	0	2	2	2	4	2
9	0	3	2	6	3	5	4	2	2	3	2	2	3
10	2	2	4	3	2	4	2	4	2	3	0	0	2
11	0	2	0	4	4	2	1	1	0	0	0	3	1
12	2	1	4	2	1	2	2	3	3	1	2	1	2
13	2	1	0	6	2	2	2	2	1	3	1	2	2
14	3	3	4	2	2	2	4	2	0	4	2	2	3
15	2	2	0	0	1	2	0	0	2	1	2	0	1
16	0	0	4	7	4	1	0	2	0	0	3	5	1
17	6	6	4	4	2	2	2	2	3	1	3	5	4
18	2	3	3	5	4	4	2	2	2	2	3	3	3
19	6	11	9	5	2	2	1	2	4	3	3	2	5
20	4	0	3	4	2	3	3	***	2	2	3	2	3
21	2	2	2	3	2	1	2	2	0	0	2	4	2
22	2	0	2	0	2	0	0	2	0	0	3	2	1
23	0	0	0	2	2	6	2	0	2	0	2	0	1
24	2	2	3	3	2	3	2	2	2	2	2	2	2
25	3	3	3	4	2	3	2	2	3	4	2	4	3
26	4	2	2	2	2	3	2	2	3	7	0	3	3
27	4	0	0	3	4	3	***	1	2	2	0	2	2
28	1	0	2	2	0	2	0	1	2	1	2	2	2
29	1	2	2	3	0	1	2	2	0	2	0	2	1
30	1	2	2	3	0	1	2	2	0	2	0	2	1
31	3	2	2	2	2	0	0	2	2	2	5	5	2
MEAN	2	2	2	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	3	3	4	3	1	1	0	0	3	1	0	2
2	5	3	4	6	1	3	3	2	0	3	3	2	3
3	4	2	5	4	1	2	3	2	0	5	2	3	3
4	0	2	2	6	2	2	2	2	1	0	2	3	2
5	0	0	1	0	4	1	0	2	2	1	2	0	1
6	3	0	1	0	2	0	0	0	3	0	0	2	1
7	0	3	1	3	0	0	0	3	2	0	0	2	1
8	0	3	0	1	0	3	1	0	2	0	3	0	1
9	0	4	0	2	5	3	0	0	2	2	2	0	2
10	3	2	0	5	2	0	2	2	0	1	0	3	2
11	2	1	2	5	0	0	0	0	0	2	2	2	1
12	0	0	0	0	0	0	2	0	1	0	2	0	0
13	2	0	2	0	2	3	0	0	2	0	3	2	1
14	0	0	2	2	0	2	0	3	0	2	0	2	1
15	3	0	0	5	2	0	2	0	0	2	0	0	1
16	2	0	2	0	3	0	4	2	3	2	3	0	2
17	2	1	3	0	2	2	2	1	0	1	5	0	2
18	0	5	2	2	5	0	3	0	0	0	3	0	2
19	0	5	0	3	0	0	0	3	0	3	0	0	1
20	0	2	0	0	****	0	2	0	1	2	0	2	1
21	0	2	0	3	0	2	2	2	0	0	0	2	1
22	2	1	0	5	0	1	0	0	0	2	2	2	1
23	0	1	3	1	0	2	2	2	2	0	2	2	1
24	2	0	2	0	2	2	1	2	2	2	0	2	1
25	1	3	2	3	6	1	3	2	4	4	1	2	2
26	3	0	2	0	2	2	2	2	2	2	3	2	3
27	3	1	2	0	0	3	0	2	3	1	3	5	2
28	4	1	3	6	3	2	1	****	2	2	2	6	3
29	3	4	2	5	2	2	3	2	2	5	2	3	3
30	4	5	5	8	7	2	1	3	1	3	6	3	4
MEAN	2	2	2	3	2	1	1	1	1	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	6	14	6	5	****	3	3	2	6	4	5
2	10	9	4	4	6	3	4	3	2	6	3	7	5
3	7	2	0	0	2	5	0	1	1	3	0	2	2
4	3	2	6	6	5	2	2	2	2	3	3	5	3
5	4	2	2	6	2	3	1	4	1	3	1	1	3
6	0	0	2	3	3	0	0	0	0	0	0	0	1
7	3	1	0	4	1	2	2	2	2	2	1	2	2
8	2	2	5	8	3	****	4	2	2	4	0	4	3
9	2	1	3	1	2	4	2	0	2	2	2	2	2
10	2	2	1	2	6	1	3	1	1	3	0	3	2
11	0	0	0	0	3	1	0	2	0	3	0	2	1
12	3	0	2	2	****	****	0	0	2	8	5	6	3
13	1	2	7	11	5	2	3	5	4	6	5	7	4
14	11	7	11	11	12	4	7	8	8	5	6	5	8
15	9	4	6	6	6	9	5	7	8	7	14	22	9
16	18	7	7	11	7	9	4	4	8	4	4	6	8
17	5	2	2	3	4	3	2	3	2	4	1	3	3
18	4	3	5	5	4	10	9	8	8	2	9	11	7
19	10	12	9	12	10	6	2	8	3	10	16	16	10
20	22	18	23	30	25	7	9	5	9	8	17	14	16
21	17	16	18	33	18	5	9	6	6	8	11	14	13
22	15	11	9	8	****	15	6	8	5	4	12	8	9
23	12	8	8	7	3	7	2	2	0	2	4	0	5
24	2	3	5	2	2	0	2	2	2	0	1	0	2
25	3	12	7	7	13	8	1	5	2	2	3	0	5
26	2	2	2	3	7	2	0	5	5	6	2	3	3
27	7	8	9	10	6	2	6	8	6	1	0	6	6
28	1	8	7	9	7	2	3	6	1	14	12	11	7
29	4	5	4	16	15	4	****	5	3	5	5	14	7
30	16	9	4	12	8	11	8	7	7	3	3	4	8
31	2	3	0	2	4	4	5	3	2	1	4	3	3
MEAN	6	5	5	8	7	5	4	4	3	4	5	6	5

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	1	4	8	2	5	2	6	18	7	3	5
2	3	2	0	5	8	0	5	1	4	5	4	2	3
3	5	0	2	8	4	3	3	6	4	3	6	4	4
4	5	5	0	9	3	2	0	1	2	4	3	2	3
5	5	6	6	9	2	***	7	0	9	3	7	2	5
6	10	4	2	3	9	2	3	2	2	0	3	0	3
7	2	5	0	3	2	3	1	2	0	3	0	2	2
8	4	1	4	0	2	2	5	2	3	7	13	11	5
9	9	21	13	2	11	7	7	8	6	7	3	11	9
10	1	6	7	3	7	3	5	7	0	0	2	8	4
11	7	0	2	5	9	3	5	5	7	8	5	7	5
12	7	9	9	13	16	8	9	7	11	8	5	11	9
13	14	5	8	13	12	5	2	3	2	3	2	6	6
14	0	0	3	0	2	3	2	11	2	9	3	0	3
15	3	3	2	11	9	11	11	3	15	17	15	7	9
16	4	5	2	2	8	9	0	4	4	5	3	9	5
17	6	4	5	8	9	5	6	6	5	7	7	15	7
18	25	23	17	36	21	9	5	11	12	7	9	8	15
19	7	5	0	2	***	2	0	5	0	2	5	2	3
20	2	2	0	3	5	2	3	4	2	5	5	2	3
21	2	3	5	3	0	2	3	0	5	0	0	1	2
22	6	0	3	3	0	3	0	0	3	3	5	2	3
23	5	8	5	5	15	3	1	2	9	2	1	0	5
24	2	3	3	5	3	5	5	5	3	3	4	5	4
25	7	9	13	7	16	15	4	7	7	9	9	3	9
26	3	6	9	9	8	11	***	5	2	4	7	6	6
27	2	1	1	4	2	7	6	1	5	3	4	6	4
28	3	6	1	2	1	0	4	4	2	4	3	5	3
29	1	6	4	5	3	7	2	4	2	4	3	2	4
30	2	2	0	3	2	2	3	5	2	3	4	0	2
MEAN	5	5	4	6	7	5	4	4	5	5	5	5	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	4	6	5	12	3	2	8	7	12	12	12	7
2	8	9	16	12	16	6	1	3	8	4	4	4	8
3	4	3	4	4	4	***	9	3	8	3	7	7	5
4	5	2	4	5	10	2	0	2	0	1	0	4	3
5	4	2	0	1	1	0	0	2	0	4	2	0	1
6	3	2	5	8	2	3	6	2	8	4	4	11	5
7	12	8	11	14	8	4	8	9	5	6	3	2	8
8	7	3	11	11	5	5	5	6	0	3	3	5	5
9	5	7	8	6	3	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	9	5	7	2	2	0	***
11	0	0	2	7	0	5	3	0	0	0	2	2	2
12	2	8	2	10	9	10	4	13	3	7	5	5	7
13	3	3	0	7	3	5	7	4	3	9	2	2	4
14	7	7	6	8	17	2	4	2	5	2	3	3	6
15	5	2	2	3	3	5	5	4	2	2	0	4	3
16	5	5	2	8	5	3	9	3	4	5	6	5	5
17	5	7	2	9	7	2	8	2	7	0	3	2	5
18	2	2	0	5	4	4	2	2	1	4	0	6	3
19	4	5	0	2	5	2	4	5	9	7	8	8	5
20	7	3	2	5	9	11	8	3	13	5	5	8	7
21	10	4	2	6	12	6	7	11	2	5	4	3	6
22	0	1	3	5	14	5	4	3	4	9	17	8	6
23	0	2	2	4	0	8	2	4	9	7	5	4	4
24	7	5	2	5	1	2	1	0	2	2	3	5	3
25	3	0	1	0	2	2	1	0	3	5	2	0	2
26	7	2	2	8	10	2	3	6	0	4	0	2	4
27	0	4	0	4	6	0	2	1	0	2	5	7	3
28	3	2	5	2	7	***	3	5	2	3	4	0	3
29	1	2	5	2	3	7	5	2	8	2	2	8	4
30	11	6	2	5	10	10	3	9	6	6	5	3	6
31	4	2	4	7	11	8	7	2	5	6	11	7	6
MEAN	5	4	4	6	7	5	4	4	4	4	4	5	5

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	8	23
FEB	28	4	14	31
MAR	31	4	10	31
APR	30	3	11	16
MAY	31	3	5	12
JUN	28	4	8	16
JUL	31	3	5	13
AUG	31	2	5	11
SEP	30	2	4	8
OCT	31	5	16	33
NOV	30	5	15	36
DEC	31	5	8	17
YEAR	363	4	16	36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	221	127	13	3	1	0	0	365
FEB	219	97	12	5	2	1	0	336
MAR	274	76	9	5	3	1	0	368
APR	283	60	11	2	0	0	0	356
MAY	292	78	2	0	0	0	0	372
JUN	215	99	17	1	0	0	0	332
JUL	295	73	4	0	0	0	0	372
AUG	342	26	1	0	0	0	0	369
SEP	332	26	0	0	0	0	0	358
OCT	205	116	27	11	5	1	0	365
NOV	193	130	24	5	4	1	0	357
DEC	197	136	20	4	0	0	0	357
YEAR	3068	1044	140	36	15	4	0	4307

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98	0	0.5	1.3	2.2	3.8	7.1	9.4	12.9	15.9	36	3.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	3	1	5	2	0	2	5	7	13	5	4
2	5	6	5	17	6	5	3	3	0	2	1	2	5
3	0	0	3	3	3	4	2	3	6	3	4	3	3
4	3	2	3	2	5	4	5	11	2	3	4	2	4
5	3	1	4	2	4	4	2	2	0	3	4	3	3
6	4	2	2	3	2	3	2	2	6	2	2	3	3
7	0	3	4	5	8	3	7	3	3	2	2	3	4
8	0	0	3	2	11	5	5	2	8	5	9	5	5
9	5	7	3	5	3	5	5	5	3	5	3	12	5
10	4	13	7	3	3	7	4	9	2	5	3	7	6
11	2	5	2	5	17	3	6	4	5	4	7	0	5
12	1	5	2	1	****	****	2	2	3	3	6	3	3
13	2	3	4	4	3	5	5	2	5	3	2	4	4
14	0	3	2	2	6	11	4	3	6	5	2	2	4
15	3	2	2	0	5	3	2	1	5	2	2	2	2
16	2	2	1	0	0	3	2	3	5	9	3	2	3
17	4	0	5	5	****	1	5	2	2	2	****	****	3
18							DATA MISSING	-					
19							DATA MISSING	-					
20							DATA MISSING	-					
21							DATA MISSING	-					
22	****	****	****	****	****	****	****	0	3	4	9	6	****
23	9	7	5	2	2	0	2	2	1	2	0	3	3
24	2	2	3	2	6	5	3	3	6	9	7	4	4
25	3	7	5	7	5	5	6	2	6	9	14	5	6
26	11	15	2	7	2	3	0	3	2	2	2	2	4
27	0	4	0	2	0	3	0	5	0	3	2	3	2
28	2	4	3	1	4	1	2	2	7	3	0	0	2
29	0	3	0	5	5	3	8	3	2	3	0	2	3
30	4	3	3	0	0	0	1	0	0	0	2	1	1
31	2	3	2	2	0	0	2	0	6	1	5	2	2
MEAN	3	4	3	3	4	4	3	3	4	4	4	3	4

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	5	3	0	1	5	0	2	3	3	0	3	2
2	3	5	0	0	2	2	3	3	3	5	2	7	3
3	2	7	3	7	7	9	7	3	3	9	7	10	6
4	7	3	2	7	4	5	5	10	2	5	2	3	5
5	0	3	2	5	3	5	3	5	0	3	0	7	3
6	2	2	5	0	8	2	0	7	2	3	0	5	3
7	4	7	5	3	5	3	6	5	3	2	3	5	5
8	0	3	2	3	5	3	0	5	0	3	0	3	2
9	0	2	0	2	3	5	2	0	2	2	0	6	2
10	3	3	0	3	3	5	0	5	2	8	1	10	4
11	5	7	4	2	3	9	6	10	7	7	5	0	5
12	3	5	2	7	7	8	3	9	8	3	0	0	5
13	2	0	1	0	3	2	2	0	5	0	2	2	2
14	0	2	0	3	0	5	0	5	2	0	3	1	2
15	3	3	5	5	3	7	2	9	0	3	3	3	4
16	0	4	2	5	3	8	5	5	3	1	2	5	4
17	4	5	6	7	9	5	9	11	9	6	4	2	6
18	4	6	0	2	8	5	9	3	2	2	0	5	4
19	3	3	2	2	4	0	3	2	3	2	1	3	2
20	2	2	2	4	7	6	7	7	3	2	2	3	4
21	2	0	2	0	11	2	9	15	2	3	7	0	6
22	1	6	2	0	7	5	0	2	3	2	3	0	3
23	0	5	2	5	3	5	2	1	3	5	3	4	3
24	0	5	3	2	7	2	5	2	3	3	4	3	3
25	7	0	7	5	5	7	2	2	7	7	15	12	6
26	12	13	6	8	17	9	11	11	8	7	11	9	10
27	8	11	4	0	2	0	0	2	5	0	0	10	4
28	3	2	3	0	2	0	0	0	2	0	2	0	1
MEAN	3	4	3	3	5	5	4	5	4	3	3	4	4

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	1	0	3	2	5	1	4	2	0	8	2
2	2	5	2	2	7	0	3	2	5	2	0	2	3
3	3	5	0	3	0	9	2	4	0	2	6	3	3
4	0	2	2	2	5	2	9	2	2	1	2	5	3
5	0	3	5	7	3	5	1	3	3	0	5	11	4
6	11	3	6	7	5	2	4	2	5	2	2	3	4
7	2	0	2	0	2	1	3	3	3	2	2	0	2
8	0	0	0	0	2	2	3	3	0	0	4	2	1
9	7	2	10	12	2	4	2	2	2	0	2	2	4
10	3	1	7	3	18	5	3	2	4	2	9	5	5
11	0	3	0	4	2	4	5	2	0	2	7	7	3
12	7	6	4	10	7	5	3	0	4	3	5	13	6
13	4	2	7	0	3	5	3	2	5	7	8	19	5
14	5	8	3	7	9	3	5	7	7	9	7	11	7
15	17	14	7	7	7	2	2	2	0	0	4	1	5
16	0	3	2	5	0	2	2	0	3	2	2	2	2
17	2	0	5	3	2	0	0	5	0	2	5	1	2
18	3	0	3	6	5	3	0	3	0	5	5	5	3
19	2	2	1	2	3	2	3	3	7	11	3	6	4
20	4	6	3	3	2	3	1	2	0	0	2	0	2
21	2	0	3	0	0	2	1	2	0	0	1	3	1
22	0	3	2	3	5	3	3	2	2	1	0	4	3
23	0	5	3	3	7	3	0	5	0	3	3	0	3
24	5	3	0	2	3	10	5	2	0	1	0	5	3
25	2	2	3	3	4	2	0	2	3	3	3	5	3
26	0	2	0	5	5	2	0	3	0	3	5	2	2
27	5	2	3	5	2	3	0	2	1	2	0	6	3
28	5	2	3	0	0	5	0	5	3	3	5	9	3
29	3	0	1	6	0	2	4	2	3	3	0	3	2
30	0	0	0	2	3	3	0	5	2	0	7	0	2
31	3	1	5	11	3	4	2	4	2	9	2	7	4
MEAN	3	3	3	4	4	3	2	3	2	3	3	5	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	5	0	3	5	2	6	5	9	3	7	1	4
2	2	2	0	2	4	0	2	2	2	2	7	0	2
3	5	2	0	3	0	3	0	0	3	0	3	2	2
4	0	1	0	5	0	0	0	3	0	0	2	0	1
5	3	3	0	0	0	5	2	0	2	0	2	5	2
6	0	5	1	2	2	0	3	0	3	3	7	0	2
7	5	0	0	0	13	5	2	2	0	4	3	2	3
8	3	0	1	2	2	2	2	2	4	0	5	3	2
9	13	15	3	13	7	5	3	1	7	0	3	2	6
10	0	0	0	0	2	0	0	4	0	2	2	2	1
11	5	0	3	5	5	5	3	2	3	2	8	8	4
12	11	9	12	14	7	7	7	5	5	7	11	9	9
13	7	4	3	3	11	2	7	5	0	2	0	0	2
14	2	5	0	3	11	0	0	2	4	0	2	2	4
15	3	4	0	7	3	5	2	0	2	0	3	0	2
16	5	0	2	2	2	2	0	2	0	3	1	5	2
17	3	7	0	5	2	0	3	1	2	2	5	4	3
18	5	3	2	5	2	0	0	1	0	3	0	5	2
19	2	5	0	3	0	2	2	5	2	4	0	5	3
20	2	5	1	7	2	3	1	0	2	2	3	4	3
21	5	3	2	0	3	7	0	2	4	0	0	0	2
22	3	2	0	0	2	2	0	0	3	0	1	0	1
23	4	3	2	0	3	0	0	3	0	0	3	2	2
24	2	3	3	3	0	4	0	2	0	0	2	2	2
25	0	0	0	0	0	0	0	0	0	0	0	0	0
26	1	0	2	4	9	0	0	0	4	0	0	0	2
27	2	2	7	3	2	1	2	2	2	2	2	2	2
28	5	2	3	5	5	3	9	5	5	3	0	2	4
29	3	5	3	3	2	3	2	3	0	5	1	2	3
30	2	0	2	2	5	0	5	2	0	5	0	5	2
MEAN	4	3	2	4	4	2	2	2	2	2	3	2	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	6	6	3	0	0	0	2	5	3	0	3
2	5	0	0	2	2	2	0	2	0	0	0	0	1
3	5	0	4	0	19	1	2	0	2	0	1	2	3
4	0	0	2	9	0	3	3	2	2	0	3	0	2
5	6	2	5	5	4	3	1	0	1	3	8	5	4
6	0	2	3	3	2	2	4	0	2	0	0	5	2
7	2	0	2	4	5	5	2	2	0	0	4	5	3
8	2	0	0	2	0	2	3	0	4	2	3	5	2
9	0	3	5	0	4	1	1	0	0	3	0	9	2
10	5	5	2	2	7	3	5	3	0	0	8	1	3
11	4	2	4	7	5	2	0	0	2	5	3	7	3
12	9	5	2	6	3	2	0	2	0	0	0	3	3
13	1	0	3	3	2	2	0	3	0	3	2	2	3
14	0	3	3	3	0	5	0	5	0	2	3	6	3
15	7	0	5	9	3	0	2	0	1	5	2	4	3
16	2	7	2	4	0	3	2	0	0	0	0	5	3
17	0	2	3	3	9	0	1	0	3	0	8	9	3
18	7	9	2	3	3	5	0	5	0	5	2	5	4
19	7	3	7	3	5	3	4	2	3	2	3	0	4
20	0	3	2	8	0	1	5	0	7	1	2	3	3
21	2	****	2	3	2	****	****	****	****	****	****	****	****
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25	****	****	****	****	****	****	0	2	4	3	2	0	****
26	2	0	5	9	4	0	3	3	2	0	7	0	3
27	2	0	7	2	4	0	0	3	3	2	15	0	3
28	3	1	0	9	2	0	2	6	3	6	5	1	3
29	1	7	2	6	0	3	2	2	0	3	0	3	2
30	0	3	1	5	4	0	0	2	1	0	2	0	2
31	2	0	5	4	3	2	2	0	3	3	2	0	2
MEAN	3	2	3	4	4	2	2	2	2	2	3	3	3

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	9	3	5	0	2	0	0	3	2	1	2
2	2	5	5	5	3	0	2	11	7	11	7	3	5
3	6	9	5	6	3	2	3	3	5	9	4	7	5
4	5	11	8	4	5	2	7	0	2	2	4	2	4
5	5	0	0	2	0	0	2	5	2	5	5	0	2
6	3	2	3	2	3	7	0	11	3	3	1	2	3
7	2	1	10	9	0	3	3	2	4	0	3	3	3
8	2	6	5	2	5	1	2	0	4	0	7	0	3
9	3	****	****	2	7	2	1	3	3	2	0	0	2
10	0	1	3	5	0	0	0	2	3	3	2	7	2
11	8	7	7	4	0	2	0	2	0	2	4	6	4
12	3	7	5	10	4	5	2	5	1	4	4	7	5
13	3	8	1	2	2	0	2	2	6	8	2	2	3
14	7	8	4	3	6	2	4	5	3	2	0	5	4
15	5	2	2	4	7	2	2	2	0	3	0	0	2
16	5	2	4	3	0	2	3	3	2	3	4	7	3
17	6	6	7	9	****	6	2	3	1	3	2	9	5
18	7	6	16	12	9	5	0	6	0	3	8	4	6
19	6	9	8	11	6	5	3	7	2	5	5	4	6
20	6	7	3	3	5	0	0	4	0	3	0	0	3
21	2	6	1	5	5	0	3	3	2	1	3	1	3
22	1	0	2	4	5	0	2	2	0	2	0	9	2
23	6	6	10	7	3	7	2	0	2	3	3	3	4
24	3	1	0	3	7	3	2	0	0	3	4	3	2
25	0	2	2	2	4	****	****	****	****	****	****	****	****
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	4	5	5	5	4	2	2	3	2	3	3	4	4

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12	****	****	****	****	****	****	3	0	1	2	2	2	****
13	0	0	3	8	2	6	4	2	1	4	2	0	3
14	0	1	0	0	5	0	2	2	0	0	2	3	1
15	4	2	6	5	3	2	3	2	5	7	0	2	3
16	3	4	0	7	7	3	0	2	0	0	0	0	2
17	2	5	0	0	0	4	0	2	0	0	0	0	2
18	0	0	0	0	0	5	0	5	3	0	7	1	2
19	0	0	2	2	11	4	2	3	2	0	0	3	2
20	3	2	0	3	4	0	2	2	1	9	5	2	3
21	4	0	5	5	4	3	3	0	0	2	7	3	3
22	3	2	2	3	2	****	****	****	****	****	****	****	****
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30	****	****	****	****	****	****	****	3	3	5	3	2	****
31	2	2	2	3	1	2	2	1	0	0	2	2	2
MEAN	2	2	2	3	4	3	2	2	2	2	3	2	2

PERCENTAGE OF DATA VALID - 36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	2	1	2	1	2	2	0	2	2	2	2
2	3	1	2	4	1	1	0	2	2	2	1	2	2
3	5	5	7	7	2	2	2	2	1	3	2	2	3
4	0	0	0	1	2	0	4	0	2	0	2	2	1
5	1	1	2	2	1	2	0	0	2	0	3	4	2
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	2	2	3	3	2	1	2	1	1	1	2	2	2

PERCENTAGE OF DATA VALID - 16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2	****	****	****	****	****	****	- DATA MISSING						
3	6	5	2	8	5	5	2	6	5	7	6	5	****
4	2	5	4	4	5	5	2	2	2	2	8	5	4
5	2	3	2	2	2	2	2	2	3	3	3	6	4
6	3	5	6	3	5	3	5	2	4	2	3	6	3
7	3	0	0	2	4	3	0	2	3	4	4	7	4
8	6	9	3	4	5	0	3	3	3	3	8	3	3
9	1	2	3	5	2	2	1	0	2	2	3	5	4
10	5	4	5	7	5	0	2	2	3	0	9	6	4
11	7	7	9	7	4	5	0	2	2	0	0	0	4
12	0	3	0	3	0	1	3	2	2	0	0	0	2
13	3	0	0	7	3	5	5	4	0	2	1	2	2
14	2	2	3	3	0	8	5	0	0	2	1	1	3
15	7	2	5	9	7	8	0	0	0	0	0	0	5
16	3	5	4	7	3	7	0	0	0	0	2	5	5
17	2	3	2	3	3	2	2	1	1	0	7	5	3
18	5	2	2	3	2	5	0	0	0	0	4	3	3
19	4	2	5	****	****	****	****	****	****	****	5	1	3
20	0	6	3	5	6	0	0	3	2	1	3	3	****
21	0										2	2	3
22	5	5	5	5	2	3	2	2	2	1	7	9	4
23	3	2	3	14	7	2	2	0	2	1	5	3	4
24	2	6	8	8	4	4	3	3	8	0	0	2	3
25	0	5	3	2	7	2	6	3	3	0	2	8	1
26	0	4	3	3	0	2	0	0	0	0	5	3	3
27	4	2	2	3	3	1	0	0	0	0	4	3	2
28	6	2	4	3	7	2	4	0	3	0	3	2	5
29	3	3	2	5	3	6	4	0	5	9	8	3	3
30	3	2	6	6	4	2	2	2	3	2	0	0	3
MEAN	3	4	4	5	4	3	2	3	3	3	4	4	3

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	0	5	9	6	5	3	2	2	4	7	5	4
2	5	3	3	5	6	3	1	2	2	4	4	5	4
3	5	5	0	2	1	1	1	1	1	1	1	1	2
4	4	2	2	6	1	2	0	0	2	2	1	5	2
5	3	3	5	5	3	2	3	3	3	2	2	2	3
6	4	4	3	2	3	2	3	3	3	3	3	2	3
7	0	3	2	5	2	1	2	2	2	0	0	2	2
8	4	4	7	2	1	2	0	0	2	3	3	2	2
9	3	3	1	5	2	2	1	1	2	2	2	1	3
10	0	3	2	0	1	1	0	0	0	1	1	1	2
11	2	2	1	3	2	1	0	0	0	0	0	3	2
12	2	0	3	2	2	2	0	0	0	0	0	2	2
13	6	4	7	2	3	6	5	5	5	5	4	3	4
14	2	4	4	3	3	1	****	****	****	****	****	****	****
15	8	5	5	4	8	4	3	4	4	4	6	8	5
16	4	3	2	6	3	6	3	4	5	8	9	9	6
17	3	0	2	2	2	3	4	4	5	5	0	4	4
18	5	6	4	2	8	3	9	7	3	5	6	4	3
19	3	4	7	8	9	6	6	3	7	6	10	5	6
20	9	11	5	17	18	6	6	1	7	8	5	3	6
21	6	8	7	14	19	8	4	1	5	7	11	7	9
22	1	5	7	4	11	14	5	7	5	8	9	7	8
23	9	5	3	4	2	3	0	2	2	5	9	5	7
24	2	1	5	2	5	4	3	3	2	0	3	2	3
25	0	3	2	7	4	7	3	3	2	4	2	1	3
26	1	5	3	2	4	2	2	2	2	2	0	0	3
27	7	7	5	8	6	6	4	4	3	2	4	7	3
28	2	3	5	4	5	2	5	5	7	3	7	5	6
29	1	4	2	10	7	3	3	0	5	4	4	4	3
30	2	5	3	5	6	4	5	4	4	6	6	7	5
31	2	0	1	2	5	2	5	3	1	0	2	1	2
MEAN	4	4	4	5	5	4	3	3	4	4	4	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	5	7	9	3	2	2	4	8	9	9	5
2	2	2	2	2	4	4	0	3	2	3	3	1	2
3	2	4	2	6	4	2	5	1	4	2	6	4	2
4	4	2	5	1	3	2	0	3	2	0	2	2	2
5	2	2	7	9	3	1	3	2	3	4	5	2	4
6	3	2	4	2	2	2	3	0	0	2	2	2	2
7	0	0	0	2	0	1	1	1	2	2	2	2	1
8	2	2	2	2	3	2	3	3	3	2	4	4	3
9	4	6	4	6	4	6	5	3	7	3	4	5	3
10	4	4	5	6	3	3	4	3	0	2	2	2	3
11	2	1	3	1	2	1	2	1	3	1	2	5	2
12	5	7	3	8	8	5	4	5	7	1	7	4	5
13	7	2	3	4	4	3	0	0	2	3	2	3	3
14	4	1	0	1	3	3	2	0	2	2	2	2	3
15	2	3	6	2	4	7	9	9	10	9	13	3	2
16	2	5	2	1	4	3	2	3	3	5	5	6	3
17	2	3	7	4	4	5	5	4	5	6	9	9	3
18	10	7	6	4	11	17	4	6	5	3	7	2	7
19	3	4	2	4	1	3	3	3	0	5	4	2	3
20	2	1	1	5	3	2	1	3	3	0	4	5	3
21	3	1	4	2	2	0	1	0	1	2	1	3	2
22	3	0	2	2	3	1	2	1	1	3	0	3	2
23	1	2	0	7	4	5	2	0	0	2	2	1	2
24	2	0	4	4	2	3	4	3	5	2	2	2	3
25	3	4	4	2	7	4	4	5	5	8	5	7	3
26	4	1	3	4	6	4	5	3	2	5	5	4	5
27	3	2	3	2	4	2	0	3	3	2	2	5	4
28	3	0	2	1	2	1	3	2	2	2	4	2	3
29	4	2	2	4	4	2	3	0	2	2	2	1	2
30	3	1	2	3	2	2	5	0	5	1	5	2	3
MEAN	3	2	3	4	4	3	3	2	3	3	4	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	0	2	3	3	0	3	5	7	3	3	3
2	3	2	3	11	11	7	2	2	5	5	3	2	5
3	5	3	2	4	2	5	3	3	3	3	2	0	3
4	3	2	1	2	2	2	3	2	2	5	2	3	2
5	0	5	5	2	2	2	0	2	2	4	3	3	2
6	0	5	3	6	3	5	1	0	3	3	10	5	4
7	5	7	3	5	4	5	2	3	5	3	3	2	4
8	2	3	2	5	4	7	2	3	5	2	3	2	4
9	7	2	5	5	16	6	4	5	6	2	5	5	6
10	7	9	3	7	5	5	3	4	5	1	0	1	4
11	1	0	2	2	2	0	0	3	1	0	3	0	1
12	2	2	5	5	3	5	1	1	4	4	2	11	4
13	2	3	3	3	3	3	3	3	3	3	3	3	3
14	3	3	3	3	3	3	3	3	3	3	3	3	3
15	0	5	0	2	3	0	3	3	4	4	5	5	3
16	2	2	2	5	2	3	9	3	2	2	4	12	4
17	4	0	5	5	5	0	2	2	7	4	5	5	6
18	2	0	2	5	2	0	2	2	2	4	1	2	3
19	5	7	4	2	3	3	3	3	3	2	2	2	2
20	2	2	5	3	9	6	4	7	9	5	5	3	5
21	2	3	3	5	11	4	3	3	2	3	3	2	4
22	2	2	0	6	5	2	3	0	7	4	5	12	4
23	13	5	2	4	5	6	5	8	7	3	8	6	6
24	5	2	2	5	1	3	0	2	2	0	2	2	2
25	0	2	0	0	1	3	3	2	3	2	2	5	2
26	5	5	5	3	3	2	3	0	2	0	2	0	3
27	2	0	0	2	0	2	2	2	2	5	4	3	2
28	2	3	3	3	3	3	3	4	0	2	2	2	2
29	2	4	4	3	3	5	3	4	3	2	2	6	3
30	3	5	0	2	2	3	2	2	3	0	2	2	2
31	3	0	3	2	5	2	2	4	3	7	11	9	4
MEAN	3	3	3	4	4	3	3	3	4	3	4	4	3

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	27	4	6	17
FEB	28	4	10	21
MAR	31	3	7	19
APR	30	3	9	15
MAY	28	3	4	19
JUN	25	4	6	16
JUL	13	2	3	11
AUG	5	2	3	7
SEP	29	3	5	14
OCT	31	4	9	19
NOV	30	3	7	17
DEC	31	3	6	16
YEAR	308	3	10	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	220	81	9	2	0	0	0	312
FEB	211	112	11	1	1	0	0	336
MAR	272	89	8	3	0	0	0	372
APR	279	71	10	0	0	0	0	360
MAY	252	67	1	1	0	0	0	321
JUN	195	88	6	1	0	0	0	290
JUL	116	19	1	0	0	0	0	136
AUG	56	4	0	0	0	0	0	60
SEP	224	108	2	0	0	0	0	334
OCT	242	121	5	3	0	0	0	371
NOV	284	71	2	1	0	0	0	358
DEC	251	92	7	1	0	0	0	351
YEAR	2602	923	62	13	1	0	0	3601

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82	0	0.5	1.3	2.2	3.7	6.3	7.9	10.1	11.7	21	3.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	1	1	0	0	3	3	6	2	3	2
2	3	2	3	6	3	1	0	1	2	0	0	1	2
3	1	7	3	3	2	2	2	3	4	5	3	5	3
4	2	3	4	5	5	5	7	6	3	3	2	0	4
5	1	0	2	1	2	3	2	3	1	2	1	3	2
6	3	2	3	2	2	1	2	3	4	2	1	2	2
7	2	3	3	3	2	2	3	2	4	2	2	3	3
8	0	2	0	2	3	6	8	5	11	15	11	7	6
9	8	8	6	4	5	2	6	2	2	9	6	3	5
10	5	7	10	8	4	3	3	4	3	3	1	0	4
11	2	1	1	2	2	2	2	1	3	2	3	2	2
12	2	3	2	2	0	2	2	3	2	4	2	2	2
13	3	2	4	6	3	2	3	5	4	2	3	3	3
14	3	2	2	4	1	1	0	3	0	2	3	2	2
15	3	3	0	0	0	0	2	0	0	1	2	0	1
16	2	0	0	2	0	7	2	5	3	3	4	1	2
17	2	0	2	2	1	2	0	3	0	4	1	2	2
18	3	0	3	0	2	0	2	0	4	2	0	1	1
19	0	0	0	3	0	1	0	3	1	2	0	3	1
20	0	2	0	2	3	0	4	2	2	2	3	2	2
21	3	2	7	3	3	1	2	2	2	1	2	0	2
22	3	0	2	4	1	1	2	3	0	3	9	7	3
23	9	9	3	3	3	0	3	0	2	2	1	0	3
24	3	3	1	0	3	2	0	5	5	3	0	6	3
25	3	5	2	3	8	4	3	5	7	8	11	13	6
26	6	7	4	7	2	3	2	0	3	2	2	0	3
27	2	0	3	0	3	0	2	0	0	2	4	2	2
28	2	0	0	0	0	0	2	0	2	0	2	0	1
29	2	****	****	****	****	****	****	2	4	7	8	14	****
30	4	5	5	2	0	0	2	0	1	1	0	0	2
31	0	2	3	2	2	2	2	3	8	5	3	4	3
MEAN	3	3	3	3	2	2	2	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	2	6	4	3	2	2	3	2	2	0	3
2	0	2	2	2	2	0	0	2	0	0	2	2	1
3	5	8	5	6	9	7	14	11	8	14	7	12	9
4	5	6	5	4	8	4	11	8	8	4	4	3	6
5	2	4	5	0	6	2	3	0	3	1	1	3	3
6	5	4	3	2	1	5	2	3	5	5	5	2	3
7	5	5	7	4	0	11	10	6	4	2	4	2	5
8	4	4	2	0	2	3	3	2	2	2	3	0	2
9	5	3	2	3	2	2	3	2	2	2	2	0	2
10	2	3	3	6	2	2	0	2	2	0	7	2	3
11	2	2	7	3	7	5	5	9	4	9	6	5	5
12	3	3	0	3	9	11	6	3	7	1	0	0	4
13	0	1	0	0	0	1	0	0	1	3	2	4	1
14	0	2	0	0	4	1	0	2	4	2	2	2	2
15	2	3	2	9	5	3	3	1	2	1	0	1	3
16	0	3	2	2	5	2	3	2	5	9	6	7	4
17	6	8	6	12	12	6	10	3	3	3	5	5	7
18	3	3	3	3	3	3	0	5	2	2	2	2	2
19	4	2	1	2	3	1	2	2	3	3	3	2	3
20	1	2	1	6	6	11	7	4	5	6	2	4	5
21	2	0	1	3	2	2	2	1	1	4	1	2	2
22	1	2	0	4	2	2	3	0	3	1	0	1	2
23	2	3	4	5	5	0	1	0	5	0	4	4	3
24	2	2	0	2	2	5	2	2	2	2	2	2	2
25	2	0	0	2	2	2	2	2	2	8	8	8	3
26	11	12	11	14	10	15	17	17	13	8	12	13	13
27	14	9	5	2	1	0	1	0	3	2	2	2	3
28	1	0	0	1	0	1	0	0	0	0	2	4	1
MEAN	3	4	3	4	4	4	4	3	4	3	3	3	4

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT

NO 46001

MONTH MAR 71

STATION - MIDDLE MARKER TORONTO AIRPORT	NO 46001	MONTH MAR 71	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	4	0	1	2	2	2	3	1	6	5	5	3		
2	2	0	5	2	8	1	1	5	5	5	0	2	3		
3	0	2	0	2	0	0	2	0	0	3	0	3	1		
4	0	0	0	0	0	2	0	2	2	0	1	2	1		
5	2	2	2	4	6	9	4	5	7	2	2	2	2		
6	11	4	8	6	9	6	5	5	7	2	2	2	6		
7	6	1	3	2	0	1	0	3	0	0	3	0	2		
8	2	0	0	1	0	1	0	0	1	0	1	0	2		
9	0	0	0	4	1	2	1	1	0	3	0	2	1		
10	3	2	2	2	4	6	5	1	4	0	2	3	3		
11	2	0	2	1	0	1	0	0	2	4	2	2	1		
12	3	2	4	3	7	9	2	2	9	3	12	8	5		
13	3	3	2	2	2	2	3	3	4	1	2	9	3		
14	3	7	2	3	4	12	6	5	7	7	7	7	6		
15	14	12	11	10	11	4	0	0	4	0	3	1	6		
16	1	0	1	2	1	0	0	2	2	1	0	0	1		
17	2	0	0	2	3	1	1	1	4	0	2	0	1		
18	0	2	1	2	6	3	1	4	9	10	14	7	5		
19	5	2	2	0	5	2	5	3	9	16	7	2	5		
20	1	5	2	7	2	2	0	0	0	1	0	0	2		
21	0	0	0	0	0	0	0	0	0	0	0	1	0		
22	1	0	1	0	0	0	1	1	2	1	2	2	1		
23	0	2	2	0	0	0	0	0	0	0	0	0	0		
24															
25	****	****	****	****	****	2	- DATA MISSING -	1	2	1	1	2	****		
26	2	0	0	1	0	3	0	2	3	3	2	3	2		
27	2	0	4	3	5	4	2	3	2	3	3	2	3		
28	2	2	2	1	3	2	2	2	4	3	5	6	3		
29	2	1	3	1	2	0	2	2	1	0	1	0	1		
30	0	1	1	0	2	0	1	1	2	1	1	2	1		
31	3	2	3	3	2	3	3	1	2	8	5	2	3		
MEAN	2	2	2	2	3	3	2	2	3	3	3	3	2		

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT

NO 46001

MONTH APR 71

STATION - MIDDLE MARKER TORONTO AIRPORT	NO 46001	MONTH APR 71	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	5	5	5	7	5	12	11	16	10	3	0	7		
2	1	2	1	2	1	0	1	0	1	0	0	1	1		
3	1	2	0	2	3	2	1	2	2	2	2	3	2		
4	0	1	4	0	1	1	0	1	2	1	1	1	1		
5	0	2	1	2	0	0	1	1	0	2	2	0	1		
6	2	0	1	2	2	2	1	2	3	6	2	0	2		
7	1	0	1	1	2	1	2	1	1	1	0	0	1		
8	7	7	5	10	14	4	3	3	5	2	3	0	5		
9	0	1	2	0	0	2	2	0	2	0	0	3	1		
10															
11	2	2	2	5	1	6	2	2	3	2	2	8	3		
12	12	9	9	10	10	8	13	14	12	17	16	12	12		
13	12	3	3	4	2	0	0	2	1	1	0	2	3		
14	2	2	1	1	0	2	1	1	0	0	0	2	1		
15	0	1	4	0	3	0	1	2	2	0	2	1	1		
16	1	1	2	2	0	1	2	2	0	2	6	3	2		
17	2	1	3	2	2	2	2	2	3	2	4	5	3		
18	3	0	2	2	0	0	3	0	2	1	0	4	2		
19	2	1	1	2	3	****	0	0	2	0	1	1	1		
20	1	1	1	2	2	2	1	3	3	10	11	6	4		
21	3	1	0	1	0	1	0	2	0	2	1	0	1		
22	0	2	0	0	1	0	1	1	1	0	0	0	1		
23	1	0	1	1	2	1	1	2	2	1	2	3	1		
24	3	2	4	1	0	0	1	0	0	1	1	0	1		
25	1	0	0	1	0	0	0	1	0	0	1	0	0		
26	1	2	0	2	0	1	0	1	1	0	1	1	1		
27	1	0	1	2	1	2	2	3	2	4	1	2	2		
28	1	2	1	2	3	6	4	5	5	8	2	2	3		
29	1	2	2	1	1	1	0	0	2	0	1	0	1		
30	0	1	0	2	0	1	1	2	2	1	2	0	1		
MEAN	2	2	2	2	2	2	2	2	3	3	2	2	2		

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	1	3	4	1	1	2	6	5	3	4	3
2	3	2	3	3	1	0	1	0	1	1	2	0	1
3	1	0	1	1	2	1	1	2	0	0	0	1	1
4	1	1	1	1	2	0	0	2	2	1	2	1	1
5	1	1	2	3	4	4	2	5	2	2	4	3	3
6	3	3	0	1	2	1	0	1	1	1	1	2	1
7	2	2	1	0	1	2	1	2	1	6	4	5	2
8	3	0	2	1	1	2	1	2	1	1	1	1	1
9	2	1	1	2	1	2	2	1	0	1	2	2	1
10	1	1	2	1	1	1	1	1	2	2	3	2	2
11	1	2	1	4	4	7	0	2	3	5	6	2	3
12	3	6	6	4	7	6	0	0	0	0	0	0	3
13	0	3	2	3	0	2	2	2	4	1	0	0	2
14	0	4	3	5	****	****	****	****	****	****	****	****	****
15													
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	2	2	2	2	2	2	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18	****	****	****	****	****	****	****	****	3	7	10	5	****
19	5	5	4	7	10	7	6	6	4	6	10	3	6
20	6	5	6	2	2	0	5	2	0	2	2	2	3
21	2	3	2	1	3	2	2	0	0	0	0	0	1
22	0	0	0	2	4	0	1	5	0	1	2	5	2
23	7	5	4	5	3	2	3	5	2	2	3	2	4
24	0	5	1	2	3	2	1	0	1	0	2	0	1
25	5	1	0	3	4	2	8	3	0	0	2	3	3
26	1	0	3	2	0	2	1	0	0	16	5	2	3
27	2	3	1	2	2	2	2	2	3	8	6	3	3
28	0	2	3	2	5	3	5	0	3	4	3	5	3
29	2	3	0	2	0	0	2	0	0	0	2	2	1
30	1	4	2	5	4	2	2	0	0	2	2	1	2
MEAN	3	3	2	3	3	2	3	2	1	4	4	2	3

PERCENTAGE OF DATA VALID - 41

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001

MONTH JUL 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	0	0	2	0	2	0	0	0	0	1
2	0	0	0	2	0	1	0	0	0	0	2	3	1
3	2	0	2	2	0	2	1	3	0	2	2	0	1
4	0	3	3	0	5	3	0	3	0	6	7	5	3
5	3	7	3	5	3	0	2	2	1	3	2	0	3
6	2	0	0	0	3	0	2	0	2	0	2	0	1
7	3	0	2	2	0	2	0	3	0	0	0	3	1
8	2	3	3	3	8	5	7	3	5	0	3	5	4
9	2	2	3	0	2	0	3	0	0	2	1	4	2
10	0	2	0	0	0	2	2	2	4	2	0	0	1
11	4	0	2	1	0	0	2	0	0	3	0	2	1
12	0	0	0	3	3	2	0	2	0	3	0	3	2
13	0	4	4	2	0	0	0	0	1	5	0	3	2
14	0	0	0	0	0	0	0	0	3	0	0	3	1
15	0	2	2	0	2	0	3	3	5	0	0	3	2
16	5	0	0	3	0	4	1	0	2	0	2	0	1
17	0	2	0	0	3	0	2	0	1	0	2	0	1
18	2	0	2	0	2	0	1	0	0	4	0	3	1
19	0	3	0	2	0	3	5	0	2	0	1	3	2
20	0	3	0	3	0	3	0	2	2	1	4	3	2
21	2	5	0	3	3	0	5	0	2	2	2	0	2
22	1	1	2	0	0	3	0	2	0	0	3	2	1
23	2	2	1	0	3	0	1	0	2	1	0	1	1
24	2	1	2	0	2	1	0	2	2	1	2	2	1
25	2	3	2	3	0	1	0	2	1	2	3	4	2
26	2	2	0	0	1	1	1	2	0	1	4	0	1
27	0	1	2	0	1	2	0	0	2	0	3	2	1
28	2	3	3	2	2	2	2	3	2	0	3	3	2
29	0	2	1	2	2	2	2	0	0	0	1	6	2
30	0	0	5	0	3	1	3	0	2	2	1	4	2
31	0	1	4	0	0	1	2	2	0	1	2	3	1
MEAN	1	2	2	1	2	1	2	1	1	1	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001

MONTH AUG 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	1	1	0	2	1	6	2	6	0	2
2	1	2	6	0	0	2	3	1	0	1	0	3	2
3	0	0	2	2	1	2	1	2	1	0	1	2	1
4	0	3	3	6	***	0	0	1	0	1	1	2	2
5	1	0	2	3	0	1	0	2	0	2	0	4	1
6	0	0	2	2	4	0	3	2	5	2	0	2	2
7	0	4	2	0	2	0	0	1	1	3	2	1	1
8	0	2	0	3	0	2	2	2	0	1	0	2	1
9	2	1	0	3	0	0	0	0	0	1	3	2	1
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17	****	****	****	****	****	****	****	2	2	7	0	0	****
18	1	3	1	1	1	0	2	3	3	5	2	0	2
19	2	0	1	4	2	0	0	1	2	0	0	3	1
20	0	2	0	0	0	2	0	1	0	5	0	0	1
21	1	0	2	0	3	0	2	0	0	0	4	0	1
22	2	2	0	0	0	0	0	0	0	0	0	0	0
23	2	0	1	2	0	5	0	0	1	1	0	0	1
24	2	0	3	2	2	2	****	****	****	****	****	****	****
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	1	1	2	2	1	1	1	1	1	2	1	1	1

PERCENTAGE OF DATA VALID - 51

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16	****	****	****	****	****	****	****	****	5	3	9	3	****
17	2	2	2	0	2	0	3	0	2	2	2	2	2
18	3	1	0	1	0	0	3	0	****	****	****	****	1
19	****	0	3	3	0	2	0	3	2	3	5	6	2
20	11	2	0	4	4	8	10	5	1	0	2	0	4
21	2	2	0	0	0	2	0	0	2	2	0	2	1
22	1	3	6	2	5	3	3	3	1	5	4	5	3
23	7	3	5	3	5	6	5	0	1	2	0	2	3
24	0	2	0	3	2	2	3	0	2	2	2	0	3
25	2	2	3	0	2	3	2	2	0	2	2	2	2
26	3	3	2	3	2	2	2	2	0	5	0	2	2
27	2	2	2	0	2	8	2	3	2	0	3	2	2
28	2	2	2	0	3	4	3	6	3	8	3	5	2
29	2	9	1	2	0	3	0	3	0	1	3	5	4
30	2	0	2	0	2	4	2	2	2	5	2	6	2
MEAN	3	2	2	2	2	3	3	2	2	3	3	3	2

PERCENTAGE OF DATA VALID - 46

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	3	0	2	7	4	6	5	8	2	8	4
2	5	8	4	4	7	3	2	5	5	2	7	3	4
3	3	3	0	2	0	1	0	2	2	2	3	1	2
4	2	0	3	1	4	0	0	1	2	1	3	3	2
5	2	4	1	3	3	1	0	0	0	2	0	1	1
6	2	1	2	0	2	4	1	1	1	2	1	2	2
7	0	2	1	0	2	0	1	0	1	2	0	0	1
8	0	0	8	3	2	0	0	3	5	2	0	6	2
9	4	1	1	2	2	4	3	0	0	4	4	2	2
10	1	0	2	1	3	0	1	3	0	4	2	0	1
11	0	2	1	0	0	0	2	1	0	0	0	0	1
12	1	0	1	0	0	2	0	0	1	0	3	0	1
13	4	3	0	4	5	8	4	6	4	0	3	2	4
14	1	0	2	3	3	5	1	3	6	3	2	0	2
15	5	5	1	1	0	3	0	0	2	9	5	3	3
16	2	4	2	1	1	7	3	3	3	7	1	5	3
17	2	0	1	3	0	7	0	0	0	2	1	2	2
18	4	2	4	3	2	4	5	4	4	5	1	0	3
19	2	0	3	2	4	7	7	2	3	2	2	3	3
20	1	1	2	3	8	4	6	3	4	0	6	3	3
21	3	6	6	1	4	11	9	7	7	5	7	1	6
22	5	3	5	7	7	8	5	8	10	5	4	3	6
23	7	6	4	3	4	2	4	2	0	3	5	1	3
24	2	1	1	2	5	5	0	0	5	2	2	3	2
25	2	3	1	0	3	3	2	0	2	2	0	5	2
26	1	1	5	0	3	4	3	****	4	4	5	3	3
27	4	2	9	9	18	10	5	3	7	8	7	3	7
28	5	5	4	2	5	6	0	3	5	11	7	2	4
29	3	3	8	2	6	7	2	8	8	5	7	6	6
30	4	3	4	3	5	6	2	11	8	10	7	6	6
31	2	2	5	2	2	5	9	2	5	4	0	5	4
MEAN	3	2	3	2	4	4	3	3	3	4	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	3	1	3	4	2	2	12	9	12	7	5
2	11	5	6	5	4	4	0	2	6	3	0	2	4
3	2	2	0	3	5	2	2	1	2	2	2	2	2
4	1	2	0	0	2	1	3	2	3	1	2	3	2
5	2	6	7	3	4	3	3	4	4	3	1	1	3
6	3	4	3	2	2	5	1	2	3	2	2	1	3
7	3	3	1	1	2	1	2	2	1	2	1	3	2
8	1	0	0	2	2	4	5	5	4	4	3	7	3
9	4	7	7	6	1	3	2	3	2	3	2	5	4
10	2	1	2	1	3	0	2	0	2	2	2	0	1
11	0	4	1	2	3	3	2	3	5	5	4	3	3
12	6	5	5	2	0	2	***	***	2	1	0	***	3
13	2	2	2	2	4	5	5	5	1	4	2	2	3
14	3	4	0	3	2	1	0	2	4	2	1	0	2
15	2	1	1	2	2	2	3	2	3	7	11	12	4
16	12	19	11	3	3	3	9	2	2	2	0	2	5
17	2	7	12	11	11	8	7	7	6	7	7	5	8
18	5	7	14	11	13	7	7	6	6	8	18	9	5
19	8	9	7	12	4	5	3	2	3	3	1	2	2
20	2	0	0	1	2	0	5	0	2	3	4	2	2
21	4	0	2	3	1	0	2	0	3	4	2	0	2
22	2	0	0	0	1	2	2	0	2	2	0	1	1
23	2	0	0	3	3	3	5	5	5	2	3	3	3
24	2	3	1	5	4	2	3	4	4	5	5	3	3
25	3	3	2	3	5	3	4	0	4	5	3	2	3
26	3	3	2	5	5	5	5	3	4	9	3	5	4
27	3	2	3	3	3	7	2	7	5	3	4	2	4
28	0	2	2	3	0	2	0	2	0	3	2	3	2
29	2	3	0	3	3	5	2	2	3	2	3	2	3
30	2	0	0	0	0	3	2	0	3	3	3	1	1
MEAN	3	3	3	3	3	3	3	3	4	4	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	2	0	0	0	2	2	5	2	3	2
2	3	3	0	7	2	2	2	3	2	0	3	3	3
3	2	2	2	0	5	0	0	2	2	1	2	4	2
4	3	3	2	1	2	3	2	2	2	3	3	2	2
5	3	0	4	7	2	8	3	2	2	3	2	4	3
6	6	7	6	3	7	4	3	3	2	2	7	4	5
7	4	0	5	3	1	3	3	3	3	2	3	3	3
8	7	3	5	3	3	5	5	3	2	5	5	9	5
9	2	2	7	6	7	7	7	7	4	4	11	4	6
10	7	0	4	3	2	0	3	2	0	3	2	0	2
11	2	0	2	0	2	2	2	3	2	2	3	5	2
12	3	3	3	4	2	5	0	0	0	0	***	***	2
13							- DATA MISSING -	-					
14							- DATA MISSING -	-					
15							- DATA MISSING -	-					
16	***	***	***	***	***	***	2	1	2	1	2	2	***
17	2	0	4	2	2	4	2	0	2	2	2	0	2
18	1	2	0	2	0	0	3	1	0	2	3	3	1
19	4	4	4	0	5	2	4	11	10	8	5	1	5
20	2	2	2	2	3	1	2	2	4	3	2	4	2
21	2	2	2	4	2	1	1	2	2	2	0	1	2
22	0	0	0	0	2	0	2	0	3	4	3	5	2
23	2	4	3	10	4	3	5	3	8	7	5	3	5
24	4	3	2	2	2	2	0	1	2	2	3	2	2
25	0	2	0	2	2	4	4	2	4	2	2	4	2
26	3	2	4	5	1	3	3	1	1	0	2	0	2
27	2	0	2	0	2	1	3	2	2	10	7	1	3
28	0	0	0	0	2	1	2	2	1	2	2	1	1
29	0	2	2	2	1	2	3	0	0	4	1	1	2
30	3	3	4	4	2	2	1	2	2	3	3	1	3
31	5	1	4	2	0	7	10	2	4	2	10	8	5
MEAN	3	2	3	3	2	3	3	2	3	3	4	3	3

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	6	15
FEB	28	4	13	17
MAR	30	2	6	16
APR	30	2	12	17
MAY	14	2	3	7
JUN	13	3	6	16
JUL	31	2	4	8
AUG	17	1	2	7
SEP	15	2	4	11
OCT	31	3	7	18
NOV	30	3	9	19
DEC	28	3	6	11
YEAR	298	3	13	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	309	51	6	0	0	0	0	366
FEB	243	72	19	2	0	0	0	336
MAR	293	48	8	1	0	0	0	350
APR	317	29	10	3	0	0	0	359
MAY	147	13	0	0	0	0	0	160
JUN	115	32	0	1	0	0	0	148
JUL	351	20	0	0	0	0	0	371
AUG	181	9	0	0	0	0	0	190
SEP	141	25	1	0	0	0	0	167
OCT	278	89	3	1	0	0	0	371
NOV	276	65	14	2	0	0	0	357
DEC	281	45	2	0	0	0	0	328
YEAR	2932	498	63	10	0	0	0	3503

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
79	0	0.3	0.9	1.5	2.5	5.1	7.1	10.1	11.6	19	2.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY				NO 46025		MONTH JAN 71							
OUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	2	2	0	3	0	6	5	3	5	4	3
2	4	0	7	5	4	4	4	0	0	0	2	1	3
3	4	0	0	2	2	2	2	2	4	1	4	1	2
4	0	2	0	3	4	1	7	4	9	2	2	1	3
5	2	2	2	2	4	2	2	2	2	3	6	3	3
6	2	2	4	3	4	2	2	4	5	3	3	2	3
7	1	2	1	5	4	4	2	2	1	2	2	2	5
8	2	2	0	5	9	5	7	2	7	6	4	5	4
9	7	2	3	5	7	5	2	6	2	4	5	3	4
0	5	7	11	6	5	4	4	3	3	5	1	1	5
1	4	0	4	2	6	4	5	2	4	6	3	0	3
2	2	3	0	2	5	5	2	3	7	2	4	2	3
3	0	5	2	5	6	4	2	3	4	2	1	3	3
4	2	2	1	3	5	2	1	2	2	3	1	1	2
5	4	0	0	2	1	0	0	1	2	0	0	3	1
6	0	0	2	0	4	3	0	2	1	2	4	3	2
7	1	4	2	0	1	0	0	2	0	6	2	3	2
8	2	2	2	2	0	3	2	2	1	3	0	4	2
9	5	1	1	2	11	3	0	4	2	0	1	1	2
0	0	1	1	2	0	1	2	1	1	2	1	1	1
1	3	2	1	2	0	4	0	0	0	0	3	0	1
2	2	2	3	0	3	1	3	0	6	1	4	6	3
3	7	2	5	1	2	1	1	4	2	1	2	1	2
4	1	0	0	3	2	2	2	3	2	5	6	3	2
5	2	3	4	3	5	4	4	2	2	4	6	6	4
6	4	2	2	5	2	0	2	0	2	0	2	1	2
7	1	0	4	0	2	2	1	0	2	3	2	2	2
8	1	1	2	2	3	3	5	1	0	4	3	1	2
9	1	3	1	2	4	0	4	3	2	2	2	6	3
0	7	2	1	2									
1	2	3	5	2	3	4	2	3	5	4	2	3	3
AN	3	2	2	3	3	2	2	2	3	3	3	2	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY				NO 46025		MONTH FEB 71							
OUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	3	0	5	4	2	5	4	0	3	3	3
2	4	7	5	3	4	7	5	2	5	3	11	4	5
3	7	5	3	7	8	11	5	5	2	7	3	5	6
4	11	7	3	5	4	4	3	5	11	3	7	3	6
5	3	3	3	5	2	3	2	9	3	3	5	3	4
6	0	2	0	5	3	3	2	0	0	5	4	5	2
7	3	4	2	5	4	5	3	6	5	5	10	7	5
8	4	6	3	3	9	4	4	5	3	4	2	1	4
9	0	0	2	3	0	5	0	0	2	0	0	0	1
0	2	0	5	2	2	2	2	2	3	2	7	7	3
1	5	4	7	9	5	10	8	5	7	7	7	7	7
2	2	4	2	5	6	2	9	5	9	7	2	0	4
3	0	2	1	2	1	3	3	3	1	5	2	3	2
4	1	3	4	2	4	7	2	2	0	5	0	3	3
5	3	0	3	5	3	5	4	2	5	0	2	0	3
6	5	2	5	7	7	11	4	2	5	5	2	5	5
7	7	11	7	12	5	13	12	9	5	4	7	3	8
8	9	2	0	5	5	3	2	6	0	5	2	2	3
9	5	2	0	5	7	0	3	0	4	0	0	5	2
0	1	2	7	5	13	11	13	7	5	2	2	0	6
1	0	1	0	0	0	2	1	0	2	0	3	6	1
2	1	6	2	4	2	3	0	1	4	2	3	***	3
3	5	2	3	4	13	6	3	1	5	5	2	5	5
4	3	0	3	0	6	0	2	0	4	3	5	3	2
5	0	5	2	2	3	5	0	5	5	13	11	21	6
6	15	9	11	11	17	19	17	6	11	11	10	7	12
7	2	5	2	5	0	0	0	0	0	2	3	2	2
8	1	2	1	0	2	3	6	2	5	3	2	2	2
AN	4	4	3	4	5	5	4	3	4	4	4	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	7	3	2	1						
2	2	3	0	5	2	1	2	1	3	3	5	0	2
3	0	3	2	2	3	2	7	2	2	7	2	5	3
4	4	0	2	0	5	0	0	5	7	4	3	7	4
5	0	2	2	2	2	3	3	0	0	2	0	6	2
6	6	8	3	10	7	3	5	1	3	5	5	10	3
7	1	0	3	3	3	0	0	3	0	2	2	5	5
8	2	2	0	6	0	1	0	4	0	0	0	2	2
9	2	2	6	3	2	2	0	2	2	3	1	7	1
10	2	2	6	5	10	3	3	0	3	3	0	2	3
11	0	2	0	0	2	3	3	2	0	3	4	5	2
12	2	0	3	8	7	3	7	3	3	3	7	9	5
13	3	8	2	5	5	3	3	3	3	3	3	5	2
14	5	0	7	3	7	4	11	3	6	11	10	9	5
15	13	15	9	3	5	5	3	5	3	3	0	3	6
16	4	0	5	0	5	0	1	3	3	3	2	0	4
17	3	3	0	5	2	0	6	0	1	0	2	2	5
18	1	0	3	5	3	3	2	2	4	0	2	4	2
19	7	2	2	2	2	2	0	5	3	7	3	5	3
20	0	3	3	5	5	3	2	3	5	15	2	2	4
21	2	0	0	4	2	0	2	0	0	0	4	0	3
22	4	0	0	3	0	3	3	0	1	2	4	0	1
23	2	0	0	5	0	1	2	0	2	0	0	5	2
24	0	2	0	0	0	1	0	0	3	0	0	0	1
25	0	5	2	0	0	0	2	3	2	0	0	4	1
26	2	2	3	2	2	0	2	3	0	3	6	5	2
27	9	3	2	7	6	0	1	2	0	0	5	5	2
28	0	2	2	3	2	0	0	2	2	0	2	3	2
29	5	2	2	0	3	0	3	4	4	2	7	1	3
30	1	3	2	0	0	0	2	0	6	2	0	0	3
31	2	1	3	1	5	1	2	3	5	0	4	0	2
MEAN	3	2	2	3	3	2	2	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	6	3	5	3	2	7	2	9	4	7	3	4
2	2	0	2	2	2	2	2	0	4	3	4	3	2
3	4	3	0	0	0	2	2	2	0	3	0	2	2
4	2	3	0	0	2	0	5	1	0	0	1	2	2
5	2	7	2	0	6	3	0	3	2	5	0	5	3
6	2	2	2	7	3	1	0	2	2	2	7	3	3
7	2	3	0	0	2	0	0	2	2	2	7	3	3
8							- DATA MISSING -		****	****	****	****	1
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20	****	****	****	****	****	****	1	2	0	1	1	2	****
21	0	1	0	3	6	0	1	2	2	3	3	6	2
22	2	4	2	0	1	0	1	0	0	1	1	0	1
23	0	0	0	1	1	0	1	0	0	0	1	0	1
24	1	1	0	1	2	1	2	1	0	0	1	0	0
25	0	2	5	2	1	2	0	1	1	0	1	0	1
26	0	0	0	0	2	2	0	0	0	2	1	0	2
27	2	0	2	3	0	1	2	0	0	1	1	1	1
28	1	0	0	1	2	2	1	2	0	1	2	0	0
29	1	0	0	2	2	1	1	2	3	0	0	1	2
30	1	1	2	0	2	0	1	0	3	1	0	2	1
31					1	0	2	0	0	0	1	3	1
MEAN	1	2	1	2	2	1	2	1	1	2	2	2	2

PERCENTAGE OF DATA VALID - 60

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH MAY 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	2	2	2	2	2	0	0	2	0	1	1
2	2	1	2	6	2	0	1	2	0	1	1	0	2
3	0	1	0	5	2	2	1	0	2	0	3	0	1
4	0	0	0	1	2	2	2	0	1	2	0	2	1
5	0	1	0	3	2	2	1	2	2	2	2	3	2
6	2	5	1	1	0	1	2	2	1	0	1	1	1
7	1	1	0	1	2	2	3	1	1	1	2	1	1
8	1	2	2	1	1	1	2	1	2	2	1	2	2
9	1	2	2	0	1	1	0	2	1	1	2	1	1
10	2	3	1	1	3	1	0	0	2	1	2	3	2
11	0	2	1	3	3	3	1	2	2	1	1	2	2
12	2	1	2	3	4	2	2	4	2	1	1	0	2
13	1	0	2	4	4	2	4	2	2	5	4	5	3
14	1	0	2	5	1	2	5	2	2	1	7	2	3
15	5	8	7	3	4	3	3	5	6	5	2	4	5
16	11	6	3	2	3	1	2	0	2	1	2	0	3
17	3	0	2	0	0	0	0	4	0	2	3	2	1
18	10	7	5	7	5	5	6	4	2	2	3	6	5
19	7	3	7	11	9	4	6	3	5	2	4	5	6
20	3	2	2	5	3	6	2	2	0	6	3	3	3
21	2	5	5	8	2	****	****	****	****	****	****	****	****
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	3	2	2	3	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 65

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH JUN 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3	****	****	****	****	****	****	2	2	4	2	0	0	****
4	5	5	2	2	3	2	0	0	0	5	4	0	3
5	3	3	2	0	2	1	0	0	1	0	5	3	2
6	2	5	2	4	2	3	0	5	2	4	2	0	3
7	0	3	2	6	2	0	3	2	0	3	0	0	2
8	2	0	2	2	3	0	0	2	0	3	0	0	1
9	2	0	3	0	2	0	0	2	0	0	2	2	1
10	0	0	0	2	0	2	0	0	2	0	2	5	1
11	3	4	5	3	3	3	2	0	0	2	3	3	3
12	1	4	4	3	6	0	2	5	5	0	5	3	3
13	6	5	3	1	2	0	2	2	3	0	4	5	3
14	5	3	7	7	6	0	0	3	2	0	0	3	3
15	0	3	5	2	0	2	0	3	3	0	1	0	2
16	3	0	5	3	3	4	2	5	3	3	0	1	2
17	3	7	1	3	3	5	5	0	2	1	2	3	3
18	5	6	9	3	6	2	3	5	2	2	5	3	4
19	5	4	4	6	5	3	8	3	2	3	3	0	4
20	3	1	2	2	1	3	3	0	0	3	0	2	2
21	2	2	2	2	2	3	2	0	2	0	0	0	1
22	2	2	1	2	0	2	0	0	3	0	3	3	2
23	5	3	3	3	4	2	7	2	4	0	4	0	3
24	5	0	0	2	0	5	0	2	2	2	5	2	2
25	0	0	2	5	0	3	5	2	7	2	2	3	3
26	0	2	0	0	2	2	4	2	2	0	3	2	2
27	0	5	3	3	0	2	3	0	2	1	3	2	2
28	3	0	7	2	2	5	0	3	3	3	2	2	2
29	3	3	4	0	3	0	2	5	0	0	5	0	3
30	2	1	7	5	5	2	2	2	0	3	0	2	3
MEAN	3	3	3	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	2	0	2	4	1	0	2	0	1	1
2	0	0	5	0	2	0	3	1	0	0	0	10	2
3	2	3	0	2	2	2	2	0	2	4	0	3	2
4	0	0	0	0	2	2	3	4	0	7	3	5	2
5	5	4	3	2	9	3	2	3	2	5	5	3	4
6	0	2	0	0	0	0	2	0	3	0	2	0	1
7	3	2	2	2	0	0	2	0	3	0	2	2	2
8	0	4	5	0	7	5	1	3	6	1	2	2	3
9	5	0	5	0	3	0	2	0	0	5	0	2	2
10	2	3	2	0	0	3	2	2	2	3	4	0	2
11	0	0	0	0	0	0	0	2	0	0	0	2	0
12	4	0	0	4	0	0	0	2	2	0	0	0	1
13	3	2	2	2	3	0	1	0	1	0	1	0	1
14	0	****	0	3	0	2	3	2	2	2	0	3	2
15	1	1	3	3	2	6	0	3	3	2	4	5	3
16	3	2	2	4	2	3	0	2	3	2	2	1	2
17	1	5	1	0	0	0	2	0	2	2	1	1	1
18	4	3	2	1	0	3	0	0	0	2	0	3	2
19	4	1	2	3	9	5	0	0	2	0	2	2	3
20	4	1	3	6	6	4	7	3	2	2	2	3	4
21	3	6	2	2	4	4	4	3	3	5	2	2	3
22	1	3	2	5	3	2	5	2	1	2	2	0	2
23	0	4	2	3	2	2	0	2	2	2	2	3	2
24	2	5	3	8	6	2	2	2	0	4	2	3	3
25	3	2	0	5	2	4	2	7	4	3	2	4	3
26	2	2	5	4	4	5	2	3	0	1	0	1	2
27	0	2	2	0	4	0	0	3	0	0	2	2	1
28	3	2	4	11	2	3	0	2	1	5	2	0	3
29	1	2	2	2	4	2	1	1	2	1	1	2	2
30	4	5	3	8	10	2	4	5	4	5	9	6	5
31	2	1	2	8	6	2	2	2	2	1	4	2	3
MEAN	2	2	2	3	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	4	1	3	3	8	5	2	1	0	0	2	3
2	2	1	3	2	4	0	1	1	0	0	4	2	2
3	0	0	0	2	0	0	1	2	2	1	1	0	1
4	****	****	0	3	****	****	****	2	2	3	4	0	****
5	0	2	0	4	2	4	0	2	2	2	2	1	2
6	2	2	4	2	2	5	0	0	2	1	2	1	2
7	1	3	2	2	0	4	0	0	2	0	2	2	2
8	3	0	0	0	0	0	0	0	0	0	3	2	1
9	1	3	4	2	2	2	2	1	2	2	0	4	2
10	2	0	1	0	6	2	1	4	2	1	2	2	2
11	0	0	0	1	3	2	4	2	1	1	2	4	2
12	4	2	2	2	1	0	1	0	2	0	0	1	1
13	1	1	2	0	3	2	0	0	1	1	1	0	1
14	2	1	0	4	0	2	0	2	0	4	0	1	1
15	0	1	1	2	3	0	0	0	0	2	0	1	1
16	0	3	0	3	4	3	1	2	0	0	2	4	2
17	2	1	4	2	2	1	2	3	0	3	0	0	2
18	0	0	1	0	2	0	0	0	2	0	0	0	0
19	0	0	0	5	0	0	0	2	0	0	3	0	1
20	2	0	2	2	0	0	2	0	0	0	1	0	1
21	3	0	0	1	0	0	0	0	0	4	0	0	1
22	0	1	2	0	0	0	2	0	0	2	0	0	1
23	2	0	2	2	5	2	0	3	3	0	2	1	1
24	2	0	0	1	0	****	1	0	0	0	0	1	0
25	2	0	0	1	0	2	2	3	3	6	6	3	3
26	3	5	0	0	5	6	0	3	2	3	3	2	3
27	2	1	0	3	0	2	0	1	1	0	0	2	1
28	0	0	0	1	0	1	0	0	0	0	2	1	0
29	0	2	1	0	0	0	1	0	0	2	0	1	1
30	2	2	0	6	2	1	2	2	0	2	1	0	2
31	5	0	0	2	2	0	0	0	0	0	5	2	1
MEAN	2	1	1	2	2	2	1	1	1	1	2	1	1

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	0	1	5	2	1	0	2	1	2	0	2
2	5	4	0	2	6	2	2	2	2	2	6	4	3
3	6	2	4	3	4	1	2	2	1	2	0	1	2
4	3	5	0	0	0	0	0	2	0	0	0	2	1
5	3	0	0	0	0	0	0	1	0	2	0	0	1
6	4	2	0	1	2	4	0	2	0	1	2	2	2
7	2	0	0	0	3	3	1	0	0	1	0	3	1
8	1	0	2	1	0	***	0	1	2	2	2	0	1
9	3	0	2	1	0	2	0	0	0	3	2	3	1
10	2	0	3	3	2	2	0	1	4	1	2	0	2
11	2	0	0	1	8	1	0	2	0	2	0	1	1
12	0	2	0	0	0	3	0	0	0	2	0	0	1
13	0	0	0	2	1	2	1	1	0	1	2	3	1
14	0	0	2	1	2	1	0	3	0	4	3	3	2
15	2	3	2	2	4	5	4	1	0	0	1	1	2
16	****	1	2	2	0	5	2	0	2	0	2	5	2
17	1	0	2	0	0	3	0	4	0	3	2	0	1
18	3	2	0	3	2	0	0	0	2	2	2	2	2
19	0	2	0	0	0	3	0	3	0	0	4	0	1
20	0	3	0	5	3	5	0	3	3	0	0	3	2
21	0	0	2	2	5	0	1	2	1	0	0	7	2
22	0	2	5	3	0	2	0	4	2	2	0	0	2
23	5	2	2	2	2	2	2	2	2	2	0	0	2
24	0	2	0	0	0	0	0	1	2	0	5	0	1
25	0	0	3	2	0	0	1	0	0	2	0	2	1
26	3	2	3	0	2	2	1	2	0	2	0	4	2
27	3	3	2	0	2	0	0	3	0	1	0	0	1
28	2	0	0	0	0	2	0	2	2	0	0	5	1
29	3	2	0	3	0	0	0	0	2	2	0	1	1
30	0	0	0	2	0	0	3	0	2	0	5	2	1
MEAN	2	1	1	2	2	2	1	1	1	1	2	2	1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	3	1	0	2	2	3	1	****	****	****	****	2
2							- DATA MISSING -	-					
3							- DATA MISSING -	-					
4							- DATA MISSING -	-					
5							- DATA MISSING -	-					
6							- DATA MISSING -	-					
7						2	- DATA MISSING -	-					
8	****	****	****	****	****	2	0	0	0	2	5	0	****
9	2	0	3	0	4	2	0	2	0	3	0	0	1
10	0	3	0	0	3	2	3	0	0	0	0	0	1
11	0	3	0	1	2	0	2	0	0	0	0	3	1
12	0	3	1	3	0	0	3	0	2	3	0	0	1
13	3	5	2	5	3	2	0	0	0	0	3	0	2
14	1	3	2	0	3	0	0	1	3	0	3	3	2
15	4	5	0	3	2	***	0	2	2	3	4	0	2
16	1	2	1	2	2	0	5	2	3	1	2	3	2
17	0	0	2	1	2	***	1	1	2	0	0	0	1
18	1	3	1	3	0	0	0	4	2	1	0	2	2
19	2	2	0	2	0	0	2	0	4	2	5	0	2
20	4	0	4	****	****	****	****	1	5	2	4	3	3
21	2	0	1	3	0	2	2	2	5	1	0	5	2
22	2	1	0	2	2	4	2	0	3	0	1	2	2
23	0	2	1	0	0	2	0	0	2	2	2	2	1
24	1	0	0	0	0	0	0	0	0	0	0	2	0
25	0	0	0	2	5	2	2	0	0	0	0	2	1
26	0	0	1	0	2	0	3	4	4	11	3	8	3
27	11	13	7	13	26	11	1	5	3	1	1	8	9
28	7	7	7	15	9	7	5	2	4	5	4	4	6
29	7	0	2	11	15	5	7	3	2	2	11	7	6
30	7	9	3	5	11	3	6	7	4	5	4	3	6
31	5	2	2	0	7	6	3	3	2	5	2	2	3
MEAN	3	3	2	3	4	2	2	2	2	2	3	2	2

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	3	0	9	5	2	2	5	11	11	7	5
2	4	7	0	2	4	3	2	2	2	2	2	2	3
3	3	0	3	0	4	2	2	0	3	9	3	7	3
4	0	1	3	0	0	0	0	3	1	0	3	2	1
5	0	2	0	5	18	5	2	2	5	0	5	2	4
6	0	2	2	0	2	5	2	0	0	0	2	0	1
7	5	0	0	0	0	2	0	0	0	0	0	0	1
8	0	3	2	0	4	3	3	3	3	3	8	2	3
9	7	4	7	7	8	5	0	3	4	5	8	0	5
10	5	2	1	0	2	2	0	0	3	0	2	0	1
11	2	0	2	3	7	2	0	2	3	1	3	7	3
12	7	3	0	7	8	6	3	2	2	11	7	11	6
13	8	4	6	1	6	1	2	5	2	4	0	2	3
14	1	2	5	3	0	7	2	5	2	0	2	2	3
15	4	1	5	11	9	8	7	0	9	13	4	5	6
16	2	5	2	3	9	3	7	5	5	5	3	3	4
17	6	4	1	5	9	6	7	11	5	5	15	13	7
18	11	14	17	19	21	9	7	8	11	5	6	7	11
19	2	5	2	3	7	0	3	1	2	3	2	0	3
20	0	4	6	7	4	4	3	9	4	2	0	7	4
21	2	1	0	3	2	2	0	0	0	0	0	2	1
22	1	0	2	1	2	2	2	0	0	2	2	0	1
23	2	7	2	10	9	3	4	0	2	0	0	2	4
24	0	2	5	0	1	3	6	10	1	3	2	5	3
25	4	4	5	3	9	2	1	6	6	9	2	10	5
26	3	10	5	4	11	5	7	5	9	5	10	2	6
27	2	5	3	5	5	3	3	2	5	4	8	5	4
28	1	10	0	0	2	2	5	2	5	0	5	2	3
29	2	2	3	8	7	0	1	4	5	2	1	3	3
30	0	2	0	0	3	0	1	6	2	3	2	3	2
MEAN	3	4	3	4	6	3	3	3	4	4	4	4	4

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	3	3	0	2	3	3	2	7	0	2	3
2	7	2	5	1	2	4	1	7	0	3	2	2	3
3	1	8	0	0	0	2	2	2	1	2	6	3	2
4	2	2	4	0	2	2	0	1	0	2	2	2	2
5	4	2	2	0	5	5	5	5	2	6	3	4	4
6	5	9	8	5	4	2	11	3	1	5	1	3	5
7	2	3	0	2	2	3	6	10	0	2	5	1	3
8	4	2	4	3	3	7	11	4	5	5	10	5	5
9	2	3	7	4	2	5	2	2	2	6	1	3	3
10													
11	2	0	2	0	2	3	0	1	2	0	0	2	1
12	4	5	0	7	3	7	0	3	3	2	3	3	3
13	6	2	1	2	2	2	2	0	3	1	2	2	2
14	4	4	2	0	5	7	18	7	1	4	0	5	5
15	2	3	0	0	2	3	0	3	2	5	1	2	2
16	0	1	1	1	5	4	5	0	2	2	1	2	2
17	0	5	1	5	4	4	3	2	3	0	3	0	3
18	5	3	0	5	0	4	2	2	2	0	5	2	3
19	2	1	5	0	0	3	3	2	4	5	11	5	3
20	3	3	3	5	7	5	5	5	5	7	3	3	5
21	3	4	3	5	6	4	3	1	1	2	3	2	3
22	0	2	3	3	2	3	2	3	5	7	10	11	4
23	9	5	2	5	4	3	3	1	5	5	3	5	4
24	4	5	2	0	4	3	2	1	2	0	2	2	2
25	1	1	2	0	0	0	0	0	3	0	2	3	1
26	2	4	5	3	3	3	4	2	0	3	2	2	3
27	0	3	2	2	4	3	0	3	0	0	5	8	3
28	0	2	0	2	2	2	2	2	0	0	3	2	1
29	2	0	7	0	6	6	5	2	4	3	3	3	3
30	4	5	1	0	0	2	5	2	5	2	3	3	3
31	2	0	2	5	5	7	5	4	2	7	6	9	5
MEAN	3	3	3	2	3	4	4	3	2	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - MISSISSAUGA PUBLIC LIBRARY NO 46025

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	5	11
FEB	28	4	12	21
MAR	31	3	6	15
APR	19	2	4	9
MAY	21	2	6	11
JUN	28	2	4	9
JUL	31	2	5	11
AUG	31	1	3	8
SEP	30	1	3	8
OCT	25	2	9	26
NOV	30	4	11	21
DEC	31	3	5	18
YEAR	336	2	12	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY NO 46025

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	317	54	1	0	0	0	0	372
FEB	203	108	20	3	1	0	0	335
MAR	292	75	5	0	0	0	0	372
APR	203	15	0	0	0	0	0	218
MAY	208	35	2	0	0	0	0	245
JUN	278	52	0	0	0	0	0	330
JUL	325	45	1	0	0	0	0	371
AUG	352	14	0	0	0	0	0	366
SEP	339	19	0	0	0	0	0	358
OCT	238	36	11	0	1	0	0	286
NOV	242	101	13	3	1	0	0	360
DEC	282	82	4	1	0	0	0	369
YEAR	3279	636	57	7	3	0	0	3982

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
90	0	0.3	0.8	1.6	2.6	4.9	6.6	9.3	10.7	26	2.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	5	3	4	2	4	10	2	4	6	4	2	4
2	5	1	2	0	2	3	2	3	7	6	4	2	3
3	4	3	5	7	5	4	2	3	2	1	2	2	3
4	0	2	6	2	2	1	2	3	0	3	2	3	2
5	6	2	7	8	9	9	8	6	2	2	0	3	5
6	0	0	2	3	2	3	0	4	3	1	2	2	2
7	1	4	0	7	3	3	2	1	4	4	2	0	3
8	1	3	6	4	4	3	4	4	2	1	3	0	3
9	3	1	2	8	3	3	6	7	12	8	6	4	5
10	3	7	0	5	5	3	2	5	3	9	2	7	4
11	2	7	7	7	3	2	2	3	4	3	2	3	4
12	6	2	3	7	6	2	4	8	10	4	3	6	5
13	2	2	1	1	2	3	2	8	2	4	5	4	3
14	3	1	2	5	5	6	***	3	3	3	3	2	3
15	1	2	2	3	0	2	2	0	4	5	2	0	2
16	2	0	0	2	4	3	6	1	5	2	2	2	2
17	2	0	2	2	0	3	0	0	0	3	0	2	1
18	4	0	0	3	0	1	2	0	2	5	0	1	2
19	0	0	0	0	3	0	4	3	1	0	2	0	1
20	0	0	2	3	0	2	0	1	0	2	4	1	1
21	7	2	7	7	7	2	3	1	2	4	2	0	4
22	0	4	0	7	0	6	0	4	4	3	4	3	3
23	9	6	5	5	3	2	0	2	0	3	7	0	4
24	2	0	2	9	2	7	0	2	11	9	3	5	4
25	9	5	7	5	13	10	5	9	5	5	17	13	9
26	7	3	3	2	2	4	0	5	2	0	1	1	3
27	7	2	7	0	0	0	2	0	0	5	5	8	3
28	2	0	2	0	3	2	0	0	4	1	1	2	1
29	3	0	0	3	4	0	2	0	0	0	2	0	1
30	2	0	3	2	1	0	2	0	1	3	0	0	1
31	0	1	2	0	2	0	0	3	0	2	0	2	1
MEAN	3	2	3	4	3	3	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12	****	****	****	****	0	3	- DATA MISSING -	4	0	0	2	0	1
13	4	2	2	0	0	1	0	1	0	2	0	2	1
14	0	2	0	0	0	0	0	0	0	0	2	0	0
15	2	3	4	0	2	0	2	0	2	0	2	0	2
16	4	3	7	0	2	3	3	2	0	2	3	2	3
17	5	3	5	2	3	3	0	2	1	4	0	0	2
18	3	0	0	4	0	2	0	1	0	2	0	0	1
19	0	0	5	2	2	0	2	2	1	3	2	0	2
20	5	0	0	2	****	****	****	****	****	****	****	****	****
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
MEAN	3	2	3	1	1	2	1	2	1	2	1	1	2

PERCENTAGE OF DATA VALID - 28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19	****	****	****	****	****	6	1	4	0	1	2	2	****
20	3	2	1	3	3	3	2	3	2	6	3	5	3
21	2	0	0	4	1	2	1	0	0	0	1	0	1
22	2	1	2	0	1	2	2	0	1	0	3	2	1
23	2	2	0	0	1	2	2	1	0	2	3	3	2
24	0	4	1	3	0	0	2	1	1	1	3	2	2
25	2	0	2	1	1	1	1	3	0	2	0	2	1
26	2	0	2	2	2	1	1	1	0	0	2	1	1
27	2	1	1	2	0	0	1	3	2	2	2	4	2
28	2	3	1	2	9	8	2	2	6	4	2	3	4
29	1	0	1	2	2	0	0	3	3	0	1	0	1
30	3	1	2	3	2	1	3	2	2	1	1	0	2
MEAN	2	1	1	2	2	2	2	2	1	2	2	2	2

PERCENTAGE OF DATA VALID - 38

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	1	1	4	2	1	1	6	3	2	7	6	3
2	2	3	2	1	0	1	1	1	4	0	0	1	1
3	1	0	2	4	3	1	2	0	2	1	2	0	2
4	1	0	0	0	2	1	0	2	1	3	4	2	1
5	1	2	2	6	5	7	6	3	2	3	4	5	4
6	3	2	2	1	2	1	1	5	0	1	2	2	2
7	2	0	1	4	2	0	1	2	1	0	2	3	2
8	4	0	2	2	1	2	1	4	2	2	1	1	2
9	2	2	2	3	2	1	0	2	2	0	1	2	2
10	2	1	2	3	1	0	1	0	1	2	2	3	2
11	1	1	1	4	3	7	2	5	4	3	1	2	3
12	2	3	3	2	2	1	****	0	2	****	0	3	2
13	3	3	0	0	3	2	2	0	3	4	2	3	2
14	0	0	0	2	2	12	3	0	0	0	4	2	2
15	2	3	4	2	2	4	3	2	7	4	6	4	4
16	0	2	0	2	6	3	3	4	3	1	0	3	3
17	3	0	0	2	0	0	0	0	2	3	10	2	2
18	4	6	4	7	3	3	2	3	3	1	0	6	4
19	7	7	11	11	2	18	0	3	3	2	2	0	6
20	0	1	0	2	0	0	0	0	2	2	2	2	1
21	0	2	3	2	3	2	5	0	0	3	0	3	2
22	3	0	0	2	0	0	0	0	0	0	0	0	0
23	2	3	0	0	3	5	2	3	0	2	0	4	2
24	2	0	3	2	2	2	0	2	5	6	6	3	3
25	3	0	2	3	2	1	0	3	3	0	4	0	2
26	2	0	0	3	0	3	0	0	0	1	2	2	1
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	2	2	2	3	2	3	1	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9	****	****	****	****	0	8	3	0	0	0	0	1	2
10	1	2	0	1	0	0	1	1	2	0	0	5	1
11	2	1	3	3	2	2	2	2	0	0	0	0	1
12	1	0	0	3	3	2	0	2	2	0	3	0	1
13	3	5	3	3	5	5	5	2	3	0	3	0	3
14	0	0	3	0	4	0	2	0	0	0	0	3	1
15	3	2	2	2	2	0	0	3	3	2	0	3	2
16	5	2	2	2	3	15	4	0	0	5	0	0	3
17	4	4	0	3	2	2	0	2	2	0	2	7	2
18	0	0	2	1	0	2	3	2	0	0	0	2	1
19	3	0	2	3	3	0	1	0	2	3	0	3	2
20	2	0	0	0	2	0	2	0	5	2	2	0	1
21	0	2	3	9	0	3	2	0	0	0	2	1	2
22	4	0	5	****	****	****	****	****	****	****	****	****	****
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	2	1	2	3	2	3	2	1	1	1	1	2	2
PERCENTAGE OF DATA VALID -	41												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4	****	****	****	****	****	****	2	1	1	1	1	1	****
5	2	2	2	0	0	3	0	2	2	0	4	5	2
6	0	1	0	2	2	4	3	2	2	0	0	4	2
7	1	2	0	0	3	3	0	1	2	0	0	6	2
8	2	2	2	2	1	3	2	0	1	0	1	1	1
9	0	3	2	3	3	****	3	0	0	2	6	1	2
10	4	4	6	11	3	0	0	****	****	****	****	****	****
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	2	2	2	3	2	3	1	1	1	0	2	3	2
PERCENTAGE OF DATA VALID -	19												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16	****	****	****	****	****	****	****	7	5	1	4	2	****
17	4	3	2	2	3	2	0	0	0	0	0	1	1
18	2	3	2	0	1	0	0	0	0	0	0	3	1
19	0	0	0	0	0	0	0	0	2	4	0	5	1
20	3	2	2	0	5	12	8	5	1	2	0	0	3
21	0	0	0	0	0	2	0	0	0	0	0	4	1
22	5	0	2	3	2	13	5	3	3	2	2	6	4
23	7	5	5	1	6	10	6	2	4	4	2	0	4
24	2	0	0	3	0	3	0	2	0	2	1	0	1
25	2	2	2	1	2	0	1	4	0	0	2	2	2
26	4	3	5	1	3	2	1	2	2	0	2	2	2
27	4	3	3	0	3	5	3	5	1	4	3	2	3
28	5	2	4	2	7	9	5	8	5	4	5	4	5
29	10	3	1	5	0	2	0	0	0	2	0	0	2
30	0	0	2	1	2	3	1	5	4	0	3	3	2
MEAN	3	2	2	1	2	5	2	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 48

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	0	0	7	6	4	15	6	11	4	6	5
2	7	5	2	3	6	3	2	2	4	8	2	3	4
3	2	2	0	3	1	2	0	3	2	3	3	3	2
4	2	1	0	2	4	0	0	0	2	2	2	2	1
5	2	1	2	2	4	3	1	0	2	1	2	2	2
6	2	2	1	1	2	0	0	0	1	1	0	0	1
7	0	0	0	1	0	0	0	1	0	2	1	0	0
8	0	2	4	1	3	0	1	1	4	2	2	4	2
9	2	2	4	2	4	4	1	2	3	1	0	1	2
10	3	0	1	2	3	0	1	0	2	2	0	2	1
11	1	1	2	0	3	3	0	1	2	0	1	3	1
12	1	1	0	3	1	0	2	0	1	2	2	2	1
13	8	5	7	7	9	4	6	4	6	4	6	2	6
14	2	3	4	6	4	3	4	3	5	5	2	3	4
15	5	6	4	2	5	3	5	2	5	6	3	2	4
16	3	2	4	1	2	2	2	11	2	3	6	2	3
17	3	0	4	0	4	1	2	2	5	3	3	2	2
18	3	0	0	9	7	0	5	5	11	5	2	4	4
19	2	2	5	3	5	7	7	5	5	4	4	7	5
20	3	6	5	7	9	3	7	3	9	7	7	8	6
21	3	5	2	13	13	7	15	7	6	9	0	5	7
22	3	5	5	5	7	7	9	9	3	5	5	7	6
23	7	2	4	2	2	3	2	3	1	0	3	0	2
24	2	5	0	3	0	0	1	4					2
25							- DATA MISSING -						
26	****	****	****	****	****	2	2	0	0	2	0	3	****
27	0	0	0	1	0	0	2	0	0	0	1	0	0
28	0	0	2	0	3	1	2	0	0	5	0	3	1
29	2	0	2	0	0	2	2	0	1	0	2	0	1
30	2	0	0	0	2	0	0	2	0	0	3	2	1
31	2	0	0	3	0	0	1	1	0	0	0	1	1
MEAN	3	2	2	3	4	2	3	3	3	3	2	3	3

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12	****	****	****	****	****	0	- DATA MISSING -						
13	1	0	0	0	0	0	2	0	2	0	0	0	****
14	2	0	3	0	2	0	1	0	0	2	0	0	1
15	1	0	2	0	0	0	2	0	0	2	0	0	1
16	0	0	0	0	0	3	0	0	0	0	0	0	1
17	2	0	0	1	2	0	0	3	2	1	2	2	1
18	0	0	0	0	0	0	0	0	0	0	2	0	1
19	2	0	3	0	1	0	2	1	0	2	0	0	1
20	0	2	0	2	0	1	0	0	2	0	1	0	1
21													
22	****	****	****	****	****	****	- DATA MISSING -						
23	3	0	0	2	0	2	0	0	3	2	0	2	****
24	0	1	0	2	0	0	0	0	0	0	0	0	1
25	2	0	2	0	2	0	2	0	2	0	0	0	1
26	0	0	0	0	0	0	1	0	0	1	0	2	0
27	0	0	0	2	0	2	0	2	2	0	0	2	1
28	0	0	0	0	0	2	0	0	0	1	0	0	0
29	0	3	1	0	0	0	2	0	2	0	2	2	1
30	2	0	1	0	0	0	1	0	0	0	0	0	0
MEAN	1	0	1	1	0	1	1	0	1	1	1	1	1

PERCENTAGE OF DATA VALID - 56

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	0	0	0	1	0	0	0	0	1	0
2	1	0	3	0	0	0	2	1	0	2	0	2	1
3	1	3	1	2	0	0	2	****	****	0	0	0	1
4	0	2	3	0	0	2	3	0	1	0	3	2	2
5	2	0	4	0	0	0	2	0	0	0	0	1	1
6	2	0	2	0	0	0	2	0	3	0	0	0	1
7	2	1	2	0	2	0	3	0	0	2	3	0	1
8	2	0	2	0	0	3	0	2	0	0	0	0	1
9	1	0	2	0	3	0	0	0	0	2	2	2	1
10	0	2	0	0	0	2	0	3	0	0	2	0	1
11	2	0	0	2	0	0	2	0	0	0	1	0	1
12	0	0	2	3	0	0	2	0	1	0	1	3	1
13	2	0	1	0	2	0	0	2	2	1	0	2	1
14	0	2	0	1	0	0	2	0	2	0	0	2	1
15	2	0	0	2	3	2	0	0	0	1	0	2	1
16	4	2	2	2	0	2	2	0	2	0	0	2	2
17	2	1	2	0	2	0	0	2	2	0	3	2	1
18	0	2	0	2	0	2	1	0	0	0	0	0	1
19	0	0	0	2	0	1	0	0	0	0	0	1	0
20	0	0	0	0	0	0	0	0	0	0	3	0	0
21	0	0	0	1	2	0	0	0	0	2	2	0	1
22	3	0	0	0	2	0	0	0	0	0	2	0	1
23	0	2	0	0	0	0	0	3	0	2	0	3	1
24	0	0	1	0	1	0	2	3	0	2	0	2	1
25	0	3	0	2	0	0	0	1	0	0	2	0	1
26	0	2	0	0	2	2	0	0	0	1	2	0	1
27	2	0	0	2	0	2	0	0	2	2	0	3	1
28	0	2	0	2	2	2	2	0	0	0	0	2	1
29	2	0	0	2	****	****	****	****	****	****	****	****	****
30													
31													
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - BRAMALEA PEEL

NO 46033

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	9	17
FEB	9	2	3	7
MAR		DATA MISSING		
APR	12	2	4	9
MAY	26	2	6	18
JUN		DATA MISSING		
JUL	14	2	3	15
AUG	7	2	2	11
SEP	15	2	5	13
OCT	30	3	7	15
NOV	18	1	1	3
DEC	29	1	2	4
YEAR	191	2	9	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	287	79	4	1	0	0	0	371
FEB	91	5	0	0	0	0	0	96
MAR		DATA MISSING						
APR	133	6	0	0	0	0	0	139
MAY	280	26	3	1	0	0	0	310
JUN		DATA MISSING						
JUL	142	12	1	0	0	0	0	155
AUG	67	4	1	0	0	0	0	72
SEP	143	28	2	0	0	0	0	173
OCT	277	67	7	0	0	0	0	351
NOV	205	0	0	0	0	0	0	205
DEC	338	0	0	0	0	0	0	338
YEAR	1963	227	18	2	0	0	0	2210

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
60	0	0.2	0.7	1.2	2.0	4.3	6.0	8.0	9.7	18	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	2	3	2	3	2	2	0	9	5	3	5	3
2	1	8	7	4	3	2	2	0	1	4	5	0	3
3	4	0	0	5	2	2	2	4	7	5	1	4	3
4	0	2	2	3	5	7	5	9	0	7	5	1	4
5	1	4	3	2	2	4	0	0	3	2	2	0	2
6	0	2	7	3	2	4	2	2	2	4	2	2	3
7	4	3	2	5	3	2	2	2	4	1	3	2	3
8	2	1	2	9	6	5	2	2	5	4	7	10	5
9	6	5	3	5	3	2	2	4	5	12	7	4	5
10	7	6	3	8	4	5	5	6	3	8	4	6	5
11	5	2	9	8	8	4	5	14	4	5	3	0	6
12	1	4	4	2	0	2	0	2	2	10	9	5	3
13	2	2	6	4	5	4	5	9	4	1	3	2	4
14	2	3	0	2	3	****	****	****	****	****	****	****	****
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	3	3	4	4	4	3	3	4	4	5	4	3	4

PERCENTAGE OF DATA VALID - 43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	****	****	****	****	3	0	2	2	2	3	2	2	2
2	1	3	2	0	2	2	0	2	0	5	5	4	2
3	3	5	3	11	7	9	8	3	5	11	3	0	6
4	3	2	6	8	5	2	4	3	11	3	3	2	4
5	7	0	5	2	3	3	2	5	2	8	2	5	4
6	2	3	4	0	3	0	2	2	0	0	3	7	2
7	8	5	7	9	3	6	7	7	0	4	5	4	5
8	0	2	0	1	6	2	1	0	3	0	5	5	2
9	2	2	2	3	3	2	2	0	2	1	5	5	2
10	4	2	0	5	3	2	3	1	2	2	4	6	3
11	3	5	5	4	4	5	3	9	3	6	2	3	4
12	2	7	4	3	6	5	9	7	8	3	1	4	5
13	2	3	0	0	0	3	2	0	3	0	1	5	2
14	2	0	4	0	2	0	2	0	0	2	2	4	2
15	0	7	2	5	0	5	4	3	2	2	0	6	3
16	2	4	1	9	5	3	1	2	2	5	5	9	5
17	7	4	4	9	8	3	4	3	2	0	1	2	4
18	1	2	5	2	3	2	0	3	7	4	1	6	3
19	2	0	3	0	2	0	2	0	0	6	1	3	2
20	2	0	2	1	4	9	4	4	4	1	2	0	3
21	5	2	3	1	4	3	0	3	6	0	3	5	3
22	1	0	5	1	0	2	0	4	5	0	2	2	2
23	3	1	2	2	5	0	2	2	6	2	0	2	2
24	4	3	0	3	3	3	0	6	2	3	3	5	3
25	5	0	0	3	2	2	9	2	5	6	6	8	4
26	3	9	5	13	14	13	4	12	8	5	6	2	8
27	0	7	0	4	2	2	3	2	2	1	5	0	2
28	2	3	3	****	****	****	****	****	****	****	****	****	****
MEAN	3	3	3	4	4	3	3	3	3	3	3	4	3

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2	****	****	****	****	****	****	1	3	2	0	2	4	****
3	1	0	3	2	2	1	1	0	0	2	0	2	1
4	5	3	0	1	0	4	2	1	0	2	0	1	2
5	1	1	2	1	5	2	2	2	2	5	3	6	2
6	3	2	2	2	5	2	2	2	2	3	3	0	2
7	2	0	0	0	1	0	1	1	0	0	2	0	1
8	0	0	2	2	4	1	1	0	3	0	0	2	1
9	4	2	3	2	0	2	2	2	0	4	0	1	2
10	4	4	2	7	5	3	2	0	2	0	2	0	3
11	2	0	1	2	2	1	0	2	1	2	1	3	1
12	2	1	6	5	4	2	0	1	2	2	3	4	3
13	2	5	3	2	0	2	0	1	2	2	6	4	2
14	4	2	2	0	2	1	3	4	1	1	2	5	2
15	7	2	4	6	2	4	2	2	1	0	2	3	2
16	2	0	0	1	2	1	1	0	0	3	0	0	1
17	0	1	2	0	0	5	2	3	0	0	0	0	1
18	2	2	0	2	0	3	4	1	1	2	2	3	2
19	2	0	0	3	2	2	5	2	2	3	0	4	2
20	0	4	0	4	2	3	0	1	1	2	0	0	1
21	0	2	1	0	0	1	0	0	3	0	2	0	1
22	2	2	0	3	0	5	0	2	2	0	2	0	2
23	4	1	0	1	0	0	0	1	2	0	1	0	1
24	1	0	2	0	4	1	4	3	0	1	2	0	2
25	2	0	2	0	2	2	2	0	0	0	4	5	2
26	3	0	3	3	2	3	0	3	1	2	2	5	2
27	3	0	5	0	3	0	0	0	4	0	2	2	2
28	2	0	0	4	2	0	0	2	4	0	2	2	2
29	0	2	3	0	0	5	2	1	2	0	3	2	2
30	0	0	2	2	1	3	0	2	5	0	3	1	2
31	0	3	0	3	0	2	2	2	0	3	0	2	1
MEAN	2	1	2	2	2	2	1	1	1	1	2	2	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	3	6	2	4	3	0	3	0	2	2
2	2	0	0	3	2	5	0	0	2	0	0	3	2
3	2	0	2	0	0	1	0	0	3	2	0	3	1
4	0	3	0	0	0	0	2	1	0	0	4	0	1
5	2	0	2	2	2	0	3	1	2	0	2	2	2
6	0	1	2	1	0	0	0	2	1	2	0	0	1
7	2	3	0	2	0	2	3	0	2	3	0	2	2
8	1	4	0	2	0	4	2	0	5	2	3	2	2
9	1	5	4	4	3	2	2	1	3	2	3	1	3
10	2	0	0	2	0	0	0	3	1	2	0	0	1
11	2	2	1	2	1	1	1	2	3	0	2	3	2
12	3	4	4	2	1	2	2	1	2	2	3	3	2
13	3	2	2	2	1	2	1	2	2	2	2	1	2
14	2	3	0	1	0	0	0	2	2	1	0	0	1
15	0	0	2	2	0	3	0	4	1	1	2	1	1
16	0	1	1	3	0	2	1	2	2	0	4	2	2
17	3	2	2	0	2	0	3	0	2	1	2	3	2
18	2	0	2	2	0	0	0	2	0	1	0	2	1
19	3	1	1	2	0	0	2	0	1	2	1	2	1
20	2	2	2	2	2	****	3	2	1	0	1	1	2
21	5	1	0	1	2	2	1	1	0	0	1	0	1
22	2	0	0	0	1	2	0	1	1	2	2	0	1
23	0	0	2	1	1	3	1	1	2	1	1	3	1
24	0	1	2	1	0	1	2	0	0	2	2	0	1
25	1	0	0	0	2	0	0	0	1	0	0	3	1
26	1	1	1	2	0	1	0	1	0	2	1	1	1
27	2	2	1	1	0	1	0	1	1	0	0	3	1
28	1	2	1	0	4	2	2	0	1	2	4	2	2
29	1	0	0	0	2	1	2	2	2	0	1	0	1
30	1	0	2	5	3	1	1	0	1	1	1	3	2
MEAN	2	1	1	2	1	1	1	1	1	1	1	2	1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	2	0	1	2	1	0	2	1	3	1	1
2	3	1	0	1	0	0	2	0	1	2	2	0	1
3	0	1	2	0	0	1	****	****	****	****	****	****	****
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27	****	****	****	****	****	****	****	2	2	4	5	3	****
28	2	0	11	2	0	2	2	6	1	3	4	7	3
29	5	8	5	2	2	2	2	2	0	0	7	3	3
30	3	2	4	2	4	2	3	2	0	4	0	3	2
31	2	0	1	1	0	2	3	2	0	2	2	0	1
MEAN	2	2	4	1	1	2	2	2	1	2	3	2	2

PERCENTAGE OF DATA VALID - 22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	3	6	0	2	0	2	5	2	4	2
2	7	2	3	4	4	3	5	7	5	5	11	3	5
3	****	****	****	****	****	****	3	3	3	2	2	4	****
4	5	4	2	3	10	5	3	0	0	0	0	0	3
5	2	0	0	0	2	2	0	2	2	3	3	5	2
6	12	4	2	3	4	7	3	9	7	3	2	3	5
7	0	0	0	0	2	0	0	0	3	0	2	2	1
8	0	0	1	2	7	2	7	1	4	5	0	0	3
9	0	6	2	3	0	1	0	5	0	0	0	0	1
10	1	2	0	1	0	3	2	0	2	5	3	5	2
11	6	4	7	8	****	3	6	2	3	2	3	2	4
12	2	2	2	3	1	2	2	2	0	2	0	5	2
13	2	2	5	2	0	4	2	4	2	2	5	8	3
14	6	7	3	4	5	4	5	3	2	0	0	0	3
15	2	2	0	0	3	2	0	6	5	0	2	3	2
16	3	3	1	7	2	3	6	3	7	3	7	4	4
17	9	7	1	9	3	5	2	2	0	0	0	0	3
18	3	2	0	5	2	3	5	3	2	6	5	5	3
19	9	9	7	13	7	9	4	3	1	2	2	5	6
20	2	2	0	3	0	1	0	0	0	0	3	0	1
21	3	2	2	0	3	0	6	3	0	2	0	2	2
22	2	2	3	5	4	5	0	2	0	0	4	2	2
23	4	3	2	4	3	0	2	1	3	0	2	5	2
24	2	5	2	3	7	7	3	2	6	2	0	4	4
25	0	0	0	1	1	3	3	0	3	0	5	****	1
26	0	0	2	0	0	2	0	1	3	3	2	7	2
27	4	3	2	5	0	2	3	3	4	0	3	2	3
28	2	0	0	0	0	****	7	3	7	2	7	4	3
29	9	2	4	9	3	4	3	6	2	2	3	2	4
30	0	3	7	2	0	2	3	0	0	0	0	0	1
MEAN	3	3	2	4	3	3	3	3	3	2	3	3	3

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH JUL 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	3	0	3	4	2	2	4	3	3	0	3	2
2	2	5	3	2	0	2	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	5	3	1
4	3	0	3	1	6	8	3	8	0	5	3	7	4
5	4	4	6	2	2	5	0	2	0	0	0	2	2
6	0	0	0	2	2	1	3	0	2	2	3	2	1
7	2	4	7	2	4	5	3	3	5	3	2	2	4
8	4	3	3	2	3	3	2	1	2	2	2	0	2
9	2	0	3	2	0	3	2	2	0	1	3	2	2
10	3	0	0	0	3	0	0	2	2	1	0	2	1
11	1	0	0	2	0	0	2	0	0	2	0	0	1
12	0	1	0	3	0	2	2	1	3	0	0	0	1
13	0	5	2	3	3	2	3	0	0	3	0	3	2
14	1	2	2	4	2	0	2	2	0	2	0	0	1
15	0	2	0	3	0	2	0	0	2	0	2	1	1
16	0	2	0	5	3	2	0	2	0	3	0	2	2
17	1	3	2	2	0	3	0	0	0	0	0	3	1
18	2	0	1	0	0	2	0	2	1	2	0	1	1
19	3	0	2	0	0	2	0	0	0	3	0	0	1
20	2	0	0	2	0	0	2	0	2	2	1	0	1
21	2	2	0	0	0	0	0	0	0	2	2	0	1
22	2	0	2	0	5	0	2	****	****	****	****	****	****
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	2	2	2	2	2	2	1	2	1	2	1	2	2

PERCENTAGE OF DATA VALID - 69

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH AUG 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4	****	****	****	****	****	****	****	0	0	2	2	1	****
5	0	2	0	0	0	0	3	0	0	2	2	0	1
6	2	2	5	2	0	2	0	0	0	3	2	2	2
7	2	3	0	0	2	0	2	0	0	2	0	0	1
8	3	0	0	2	0	1	2	2	2	0	1	2	1
9	0	1	0	3	2	0	2	0	2	1	2	0	1
10	4	0	2	0	2	0	2	2	0	0	2	3	1
11	0	2	2	0	0	0	2	0	0	2	2	0	1
12	1	2	0	0	0	0	0	0	2	0	0	2	1
13	2	3	2	0	2	0	2	0	2	0	0	2	1
14	0	2	0	2	2	3	0	0	0	0	3	2	1
15	0	2	0	1	3	0	2	0	1	0	0	2	1
16	0	3	0	2	0	0	0	2	0	0	0	0	1
17	0	0	0	0	0	****	****	****	****	****	****	****	****
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24	****	****	****	****	****	****	0	0	0	4	1	0	****
25	2	3	3	3	1	3	2	4	3	2	1	4	3
26	2	2	2	3	3	3	6	3	5	4	4	2	3
27	2	2	0	2	0	6	2	4	2	6	1	2	2
28	2	1	2	2	0	4	0	5	0	2	5	3	2
29	2	1	0	2	4	2	2	2	0	4	0	0	2
30	0	4	1	1	4	2	2	2	0	1	0	0	1
31	0	0	0	0	0	1	1	2	4	3	1	5	1
MEAN	1	2	1	1	1	1	2	1	1	2	1	2	1

PERCENTAGE OF DATA VALID - 65

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	2	4	3	4	2	2	1	0	3	4	3
2	0	3	3	2	12	5	3	4	3	2	4	4	4
3	4	2	4	2	6	2	2	3	2	1	4	5	3
4	5	3	0	2	2	2	2	2	2	2	3	1	2
5	1	1	1	2	0	1	3	2	0	1	2	2	1
6	0	3	3	2	2	2	3	3	0	1	2	3	2
7	0	1	0	2	1	0	1	0	0	2	1	0	1
8	2	2	3	5	2	3	***	2	2	3	2	0	2
9	2	0	0	0	2	0	0	2	2	3	2	0	2
10	1	3	4	5	2	1	1	0	1	0	5	3	2
11	3	2	1	3	1	1	2	1	2	0	0	0	1
12	1	0	0	1	0	0	2	0	0	2	0	2	1
13	2	0	0	3	2	2	2	1	0	3	1	0	1
14	2	0	0	4	1	1	1	0	2	2	2	4	2
15	2	3	2	2	3	4	1	2	2	1	1	4	2
16	1	1	2	2	6	***	5	0	3	5	9	2	3
17	2	2	7	7	2	2	0	5	0	3	2	6	3
18	2	0	10	0	0	2	0	0	2	0	3	0	2
19	3	0	2	0	5	3	0	0	3	2	2	4	2
20	2	3	2	5	6	0	1	4	0	5	0	4	3
21	1	0	2	3	0	1	0	1	0	7	7	4	2
22	0	3	3	3	5	0	0	0	0	7	7	4	2
23	3	5	9	11	2	3	2	5	5	0	3	7	3
24	0	2	2	5	5	0	2	9	0	0	3	10	5
25	3	0	2	2	3	1	2	2	2	7	3	3	3
26	0	3	2	9	0	0	2	2	0	7	3	2	2
27	1	3	3	9	2	5	0	4	0	7	7	2	4
28	3	2	5	9	5	7	5	4	2	7	7	5	5
29	2	3	5	2	5	3	0	5	0	5	3	5	3
30	0	3	5	4	5	4	0	6	3	7	2	2	3
MEAN	2	2	3	4	3	2	2	2	2	3	3	3	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	9	7	5	1	3	3	2	9	9	2	5
2	1	5	5	2	3	7	0	8	5	3	9	4	5
3	7	0	8	0	2	4	0	0	3	2	5	2	5
4	0	2	2	3	3	0	2	0	2	0	3	3	3
5	3	0	2	3	0	2	0	0	5	3	3	2	3
6	0	0	4	2	0	0	2	0	2	0	2	2	1
7	2	0	2	2	2	0	0	3	2	1	4	0	2
8	2	1	0	7	5	0	5	2	0	5	9	3	3
9	5	3	0	2	4	2	2	3	2	0	4	0	2
10	2	1	0	5	3	2	7	0	4	7	2	0	3
11	2	0	3	0	2	0	5	0	2	2	1	2	2
12	1	3	2	5	2	1	4	0	5	7	4	5	3
13	5	5	7	7	7	9	3	11	9	0	8	3	6
14	5	2	9	11	3	3	2	5	3	5	7	5	5
15	7	3	7	5	3	3	2	2	2	7	3	2	3
16	5	7	7	8	4	3	3	2	2	3	8	3	5
17	4	2	2	0	2	2	2	3	3	4	3	3	3
18	5	1	1	4	4	0	3	4	5	6	5	3	3
19	4	3	4	5	2	3	7	2	4	3	8	7	4
20	10	5	10	14	16	5	4	3	7	2	9	11	8
21	7	11	8	11	16	4	4	7	4	4	7	6	7
22	2	8	3	7	6	7	4	8	4	4	9	8	6
23	4	4	4	3	2	2	0	2	2	2	1	3	2
24	2	1	2	1	2	3	4	2	2	3	2	2	2
25	1	0	0	0	4	0	2	0	1	0	0	1	1
26	2	2	0	2	2	***	3	5	2	3	5	1	2
27	6	9	5	2	2	0	3	5	3	2	2	3	3
28	2	2	0	2	0	0	5	9	3	3	2	2	4
29	3	7	3	3	3	4	4	8	9	9	9	7	5
30	7	11	8	3	0	3	4	5	3	3	2	2	4
31	1	3	3	3	2	2	2	1	2	1	2	0	2
MEAN	4	3	4	4	4	3	3	3	4	3	5	3	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH NOV 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	1	2	0	2	0	4	8	12	10	3	1	4
2	1	3	2	2	0	2	0	2	2	2	2	1	2
3	2	2	1	2	0	3	0	1	1	2	1	2	1
4	1	0	2	0	2	0	2	2	1	2	0	3	1
5	2	8	4	3	2	2	3	4	3	2	1	2	3
6	2	4	3	1	2	2	2	2	0	0	3	0	2
7	0	0	2	2	2	2	0	2	2	5	5	5	2
8	1	1	2	0	1	1	2	3	3	8	8	6	3
9	3	8	5	0	2	3	4	3	4	4	3	2	3
10	2	4	3	3	0	3	4	2	0	2	2	2	2
11	3	2	2	2	2	2	4	0	2	2	2	1	2
12	2	8	3	3	***	3	2	4	3	5	4	5	4
13	9	6	12	1	2	2	3	3	3	2	3	3	4
14	2	1	2	2	0	2	3	2	2	2	3	3	2
15	4	2	3	3	9	5	5	9	8	3	3	3	5
16	2	0	2	2	2	2	1	3	3	6	3	5	3
17	7	5	3	6	4	9	3	3	9	4	11	10	6
18	7	11	7	12	10	10	5	6	7	3	3	3	7
19	1	2	3	3	1	2	1	1	4	2	5	2	2
20	2	2	3	2	5	0	2	2	4	3	4	5	3
21	0	2	1	0	2	1	2	0	2	2	2	3	1
22	1	1	2	2	2	***	2	0	5	3	2	4	2
23	5	2	4	5	2	7	2	0	4	3	5	3	4
24	0	0	1	2	3	0	5	0	4	7	2	1	3
25	6	3	3	5	3	3	2	2	3	2	3	2	3
26	3	2	4	5	3	5	4	0	4	4	3	4	3
27	4	3	2	4	2	4	2	6	4	3	5	4	4
28	0	2	2	2	2	3	2	1	3	1	1	3	2
29	0	0	1	1	2	0	3	1	2	3	3	2	2
30	4	0	1	1	0	1	1	1	5	1	2	2	2
MEAN	3	3	3	3	2	3	3	3	4	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH DEC 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	3	2	2	0	1	2	5	6	2	2	3
2	3	3	2	6	2	4	0	0	4	2	2	2	3
3	0	1	2	3	2	3	0	3	7	3	1	0	2
4	6	0	7	0	5	2	2	2	0	3	5	2	3
5	7	0	4	5	7	4	5	1	5	5	9	6	5
6	2	2	0	2	2	4	0	5	2	3	2	3	2
7	5	1	5	1	9	2	3	3	6	11	4	2	4
8	11	2	5	4	9	3	2	3	5	3	3	0	4
9	3	7	4	5	11	5	0	4	3	5	3	0	4
10													
11	3	0	0	1	2	2	1	0	0	0	7	5	2
12	2	4	0	2	1	2	2	0	5	7	0	3	2
13	2	2	3	0	2	0	2	0	0	3	0	2	1
14	3	4	2	4	5	11	1	5	2	3	2	0	4
15	5	0	2	2	2	4	2	2	3	3	2	3	2
16	0	0	5	2	0	3	0	7	3	1	2	2	2
17	2	3	3	9	0	2	0	3	0	3	0	2	2
18	0	0	1	2	0	3	3	3	3	3	5	2	2
19	3	5	0	3	5	3	8	2	8	5	2	2	4
20	2	2	2	3	1	5	0	5	0	7	4	5	3
21	2	3	2	4	2	3	2	4	0	2	1	0	2
22	2	2	0	2	4	0	3	0	3	7	4	6	3
23	4	2	3	6	3	9	5	5	7	5	9	5	5
24	2	6	2	6	1	0	2	0	0	2	2	2	2
25	0	5	0	2	2	5	5	2	3	3	5	2	3
26	4	3	3	2	2	1	3	0	2	0	0	2	2
27	0	2	3	1	2	2	4	2	3	3	2	2	2
28	0	3	0	0	5	2	5	3	2	0	0	3	2
29	0	7	1	0	5	***	4	3	1	3	1	3	2
30	2	0	2	5	8	3	3	3	4	4	0	2	3
31	0	0	6	7	12	3	3	2	7	4	4	5	4
MEAN	3	2	3	3	3	3	2	2	3	4	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - BRAMPTON PEEL

NO 46038

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	14	4	6	14
FEB	28	3	8	14
MAR	30	2	3	7
APR	30	1	3	6
MAY	8	2	3	11
JUN	30	3	6	13
JUL	22	2	4	8
AUG	22	1	3	6
SEP	30	2	5	12
OCT	31	4	8	16
NOV	30	3	7	12
DEC	31	3	5	12
YEAR	306	2	8	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	109	50	2	0	0	0	0	161
FEB	234	81	8	0	0	0	0	323
MAR	331	23	0	0	0	0	0	354
APR	352	7	0	0	0	0	0	359
MAY	75	7	1	0	0	0	0	83
JUN	276	72	3	0	0	0	0	351
JUL	244	15	0	0	0	0	0	259
AUG	236	8	0	0	0	0	0	244
SEP	298	58	2	0	0	0	0	358
OCT	265	96	8	2	0	0	0	371
NOV	298	55	5	0	0	0	0	358
DEC	294	72	5	0	0	0	0	371
YEAR	3012	544	34	2	0	0	0	3592

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82	0	0.3	0.9	1.6	2.6	4.8	6.7	8.5	10.0	16	2.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	0	2	0	1	1	0	2	2	0	2	1
2	2	0	0	1	5	7	2	0	12	9	8	11	5
3	4	0	0	4	1	0	3	0	0	0	3	2	1
4	2	2	3	2	7	5	0	4	1	0	0	4	3
5	0	2	1	2	3	3	3	****	****	****	****	****	****
6	****	****	****	0	2	2	0	2	0	2	5	3	2
7	0	3	2	0	0	3	0	4	0	3	0	2	1
8	0	1	2	0	1	0	1	4	0	0	3	3	1
9	8	5	0	12	5	0	9	2	6	2	14	10	6
10	6	3	2	2	3	5	3	2	3	0	3	2	3
11	4	2	1	5	8	4	0	5	5	0	4	1	3
12	2	0	1	2	1	0	0	2	2	6	0	4	2
13	7	3	1	4	1	0	2	2	0	0	1	0	2
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20	****	****	****	****	****	****	6	2	2	4	2	4	****
21	3	4	5	5	5	3	5	3	5	3	3	2	4
22	3	1	0	2	1	1	1	3	5	4	6	10	3
23	15	14	6	8	3	2	2	2	2	2	4	1	2
24	3	1	2	4	5	2	4	6	5	9	12	4	5
25	6	3	6	6	8	7	6	6	9	10	6	11	7
26	15	8	4	4	3	2	2	2	3	0	0	0	4
27	0	0	2	0	2	0	0	0	1	0	0	2	1
28	1	0	2	2	1	2	3	0	2	0	1	1	1
29	3	1	2	2	****	****	****	1	1	5	3	5	3
30	3	2	4	2	2	2	0	2	0	2	0	2	2
31	2	0	3	1	0	2	2	2	2	2	2	2	2
MEAN	4	3	2	3	3	2	2	2	3	3	3	4	3

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	1	2	2	2	1	3	2	1	2	0	2
2	1	3	3	2	1	2	2	2	2	3	3	5	2
3	5	3	3	4	6	11	11	12	8	7	9	5	7
4	****	2	3	4	3	5	5	7	4	2	3	3	4
5	3	0	3	3	2	3	4	0	2	2	3	3	2
6	1	3	3	2	2	2	0	2	2	2	2	3	2
7	6	3	4	4	4	5	5	5	6	2	3	5	4
8	3	2	3	2	2	3	3	2	2	2	2	2	2
9	1	2	2	1	0	1	2	0	1	2	0	2	1
10	2	3	0	2	3	2	2	2	1	2	2	2	2
11	4	5	4	5	6	7	8	4	9	14	3	****	6
12	****	3	3	3	3	5	1	5	4	4	2	3	3
13	0	2	0	1	1	0	2	0	1	1	1	2	1
14	2	0	2	0	0	2	1	1	1	0	1	2	1
15	0	2	2	2	3	2	1	1	2	0	2	3	2
16	0	1	2	0	2	1	2	4	1	5	1	6	2
17	2	6	6	6	8	7	5	7	5	2	3	2	5
18	2	2	4	2	2	4	****	2	0	3	0	2	2
19	0	2	0	3	1	2	2	3	0	0	0	2	1
20	1	2	2	0	3	2	3	5	5	5	2	2	3
21	2	0	2	2	0	2	2	0	2	3	2	2	2
22	2	3	1	1	2	2	1	3	2	2	0	3	2
23	2	0	0	3	0	2	2	2	2	2	3	2	2
24	0	3	0	0	3	2	0	2	0	2	0	2	1
25	3	2	3	2	2	3	2	3	3	3	5	9	3
26	13	17	11	5	3	7	2	4	3	5	5	7	7
27	6	4	1	1	2	2	5	1	1	0	2	2	2
28	2	0	2	0	0	0	2	2	0	2	1	0	1
MEAN	2	3	3	2	2	3	3	3	3	3	2	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	0	0	3	0	0	0	0	0	2	1
2	0	3	2	2	3	3	2	2	2	1	0	0	2
3	0	0	0	2	1	0	2	0	2	2	2	1	1
4	2	0	0	3	0	0	2	0	0	0	1	0	1
5	1	0	0	2	0	2	2	0	3	0	2	3	1
6	4	5	9	11	7	2	0	1	2	3	3	2	4
7	0	2	0	2	8	2	2	3	2	0	0	0	2
8	0	3	0	2	0	3	0	2	0	0	2	2	1
9	0	2	0	0	0	0	0	2	0	0	2	2	1
10	0	2	2	7	8	7	5	2	0	2	1	3	1
11	0	0	0	2	1	1	0	0	0	2	0	3	1
12	1	3	2	2	0	2	4	7	2	2	6	3	1
13	6	7	1	1	3	3	0	0	1	5	5	5	3
14	10	11	12	7	5	4	2	4	4	0	6	11	4
15	5	11	7	3	4	3	3	1	2	0	3	0	6
16	3	1	5	2	0	1	0	0	0	0	0	2	1
17	0	2	2	2	2	2	0	1	1	2	2	0	1
18	0	1	0	0	2	2	1	0	2	5	3	5	2
19	2	6	3	2	2	3	0	2	0	2	2	1	2
20	1	2	1	2	2	3	1	3	2	2	1	0	2
21	0	0	2	0	0	1	2	0	0	1	1	2	1
22	0	2	3	0	1	0	1	1	1	0	2	0	1
23	1	2	2	3	1	1	1	0	1	0	2	0	1
24	2	0	0	2	0	0	0	1	2	0	2	1	1
25	0	3	1	1	0	0	0	0	0	0	0	0	1
26								****	****	****	****	****	****
27													
28													
29													
30													
31													
MEAN	2	3	2	2	2	2	1	1	1	1	2	2	2

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6	****	****	****	****	****	****	****	0	0	2	0	0	****
7	0	1	1	0	2	0	2	2	2	1	2	1	1
8	0	0	1	1	1	2	0	0	1	1	2	3	1
9	11	4	3	4	3	4	2	6	2	1	2	2	4
10	1	1	0	2	0	1	1	1	2	1	2	1	1
11	2	3	2	3	4	5	6	2	1	5	4	2	3
12	8	7	3	5	9	6	5	5	6	9	7	2	7
13	3	0	2	1	0	1	1	1	3	2	0	2	1
14	3	0	1	1	0	1	0	****	0	2	0	2	1
15	2	0	0	0	3	0	1	1	0	0	2	1	1
16	0	0	0	0	1	1	1	4	1	0	0	0	1
17	0	2	2	2	2	2	2	0	0	2	2	2	1
18	3	2	4	3	1	3	0	0	1	1	2	2	2
19	2	0	1	2	3	1	0	0	1	2	2	2	1
20	1	1	2	0	1	2	3	5	4	4	6	8	3
21	8	10	6	2	1	4	1	2	2	2	0	2	3
22	1	0	2	1	2	2	****	0	2	2	1	2	2
23	0	2	1	2	0	0	0	1	2	2	2	1	1
24	4	4	2	1	1	2	2	0	3	2	2	0	2
25	0	1	1	0	1	2	0	0	1	0	0	1	1
26	0	0	0	0	3	0	2	2	0	2	0	1	1
27	0	0	0	2	3	2	0	2	2	3	3	1	1
28	2	2	2	2	2	3	1	3	4	6	5	1	3
29	3	4	2	0	0	1	2	1	0	1	2	0	1
30	1	3	2	0	2	2	3	3	0	1	0	2	2
MEAN	2	2	2	1	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - HIGHWAY 7 AND 400 TORONTO							NO 48001						
							MONTH MAY 71						
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	1	3	0	5	5	2	6	1	3	2
2	4	2	2	3	0	4	0	2	0	0	1	0	2
3	0	3	2	0	0	0	0	2	3	0	0	2	1
4	1	2	3	0	1	2	0	0	0	0	0	3	1
5	0	3	0	2	1	0	2	4	4	1	5	5	3
6	0	2	2	0	2	0	0	3	2	0	1	0	1
7	0	5	2	0	0	2	1	3	1	4	6	7	3
8	5	2	6	1	0	2	6	0	2	2	6	2	3
9	3	7	1	2	1	2	2	2	3	2	2	5	3
10	3	1	1	2	0	2	0	1	2	0	2	7	2
11	2	2	1	14	11	3	2	2	2	2	4	7	4
12	8	3	3	8	6	2	0	2	4	0	0	1	3
13	0	5	0	3	2	0	4	4	2	0	5	1	2
14	2	2	1	0	0	0	2	0	0	0	3	5	1
15	3	6	7	9	2	1	5	0	6	2	9	2	4
16	7	5	4	0	3	4	0	2	0	0	0	2	2
17	0	2	0	2	1	0	0	0	1	5	2	9	2
18	12	13	9	9	5	6	4	3	5	0	8	6	7
19	6	7	13	9	9	4	2	2	4	2	9	2	6
20	0	0	2	2	2	0	4	0	2	0	3	0	1
21	3	3	0	0	2	0	0	0	2	2	0	2	1
22	0	0	2	0	2	0	0	1	5	0	2	0	1
23	3	0	2	3	0	0	2	3	0	2	5	3	2
24	2	1	0	3	0	3	0	2	0	0	3	0	1
25	3	3	2	5	0	3	0	2	2	0	3	2	2
26	0	0	3	0	0	0	2	0	0	0	0	1	1
27	0	0	2	0	2	0	2	0	0	0	2	0	1
28	0	2	0	4	0	2	0	0	2	0	3	2	1
29	0	2	2	3	2	5	1	2	0	3	0	2	2
30	0	4	0	3	3	0	2	0	3	3	0	1	2
31	1	2	0	0	2	0	1	0	3	0	3	0	1
MEAN	2	3	2	3	2	2	2	2	2	1	3	3	2
PERCENTAGE OF DATA VALID - 100													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - HIGHWAY 7 AND 400 TORONTO							NO 48001						
							MONTH JUN 71						
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	5	0	2	2	2	3	2	3	2	8	3
2	5	0	3	2	2	2	2	4	7	4	7	7	4
3	5	2	3	2	3	0	2	0	3	0	3	0	2
4	0	0	3	0	3	0	0	2	0	1	2	5	1
5	0	3	0	3	0	1	2	0	0	1	4	2	1
6	5	2	0	2	0	4	3	2	3	9	1	2	3
7	0	3	1	3	3	0	3	3	3	0	2	2	2
8	0	0	4	5	2	2	2	0	2	2	0	2	2
9	0	2	2	2	0	2	1	0	5	0	0	2	1
10	0	7	3	0	5	0	2	0	****	****	****	****	2
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16	****	****	****	****	****	1	2	3	1	2	6	4	****
17	8	13	15	12	4	8	3	0	2	2	6	8	7
18	13	14	12	9	8	3	2	3	3	4	5	7	7
19	9	9	9	8	9	10	3	6	4	4	6	3	7
20	8	0	3	5	2	1	0	0	3	1	0	0	2
21	0	0	0	2	0	3	0	2	0	1	0	1	1
22	1	0	0	0	2	0	0	4	2	4	0	8	7
23	16	17	19	7	2	1	2	0	3	4	5	3	7
24	0	2	2	4	1	2	4	1	2	4	3	2	2
25	0	0	0	2	3	0	3	5	6	0	1	3	2
26	1	2	1	2	2	0	0	0	0	2	4	3	1
27	2	2	0	3	1	1	1	2	1	2	2	1	2
28	3	1	3	1	2	1	2	2	0	2	2	2	2
29	0	2	6	0	1	0	0	0	0	0	1	2	1
30	1	0	8	10	2	8	2	0	0	4	0	3	3
MEAN	3	3	4	4	2	2	2	2	2	2	3	3	3
PERCENTAGE OF DATA VALID - 80													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	0	2	0	0	0	2	0	2	0	1
2	0	0	0	2	1	0	0	0	0	0	0	0	0
3							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
4							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
5							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
6							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
7							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
8							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
9	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	0	2	2	2	0	3	0	DATA MISSING
10	3	5	0	0	0	2	2	0	0	0	0	1	1
11	0	0	1	3	3	0	5	1	0	0	3	2	2
12	2	3	2	0	0	2	3	1	3	7	3	2	2
13	2	7	4	7	3	5	2	0	2	2	0	0	3
14	0	1	0	0	0	2	0	0	2	0	2	0	1
15	2	0	1	0	2	0	3	3	4	7	7	5	3
16	5	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
17							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
18							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
19	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	0	3	0	0	3	0	DATA MISSING
20	2	5	0	5	0	2	0	3	0	1	2	0	2
21	2	2	0	0	11	4	3	1	0	4	5	2	3
22	2	7	10	5	0	2	2	0	3	3	5	2	3
23	3	0	7	2	5	2	3	0	0	4	5	2	3
24	7	5	9	5	3	0	0	2	3	2	0	3	3
25	0	3	0	0	0	2	0	2	3	7	7	2	2
26	3	0	5	2	0	3	0	1	0	0	0	2	1
27							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
28							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
29							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
30							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
31							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
MEAN	2	3	3	2	2	2	2	1	2	2	3	2	2

PERCENTAGE OF DATA VALID - 50

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
2							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
3							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
4							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
5							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
6							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
7							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
8							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
9							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
10							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
11							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
12							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
13							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
14							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
15							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
16							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
17							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
18							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
19	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
20	5	7	7	21	10	7	7	5	3	7	12	3	DATA MISSING
21	11	9	7	5	15	11	3	10	6	7	7	7	8
22	9	10	7	2	11	10	8	11	7	7	7	7	9
23	9	7	3	1	2	2	2	1	10	7	7	11	9
24	3	0	2	3	2	3	0	5	0	2	0	2	3
25	2	0	5	0	3	3	0	1	0	0	0	5	2
26	0	0	1	2	3	2	3	1	5	4	5	0	1
27	9	5	11	13	9	6	5	7	6	5	5	7	3
28	7	3	3	2	2	0	0	0	5	9	3	2	3
29	3	0	3	0	2	5	3	6	4	3	7	5	3
30	5	0	3	2	2	0	2	6	5	7	2	3	3
31	3	0	3	2	4	5	7	3	1	3	3	0	3
MEAN	6	3	5	4	5	5	3	5	4	5	4	4	4

PERCENTAGE OF DATA VALID - 40

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - HIGHWAY 7 AND 400 TORONTO							MONTH NOV 71						
NO 48001	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
HOURLY DAY													
1	2	0	0	2	3	0	2	2	1	9	10	8	3
2	5	1	3	3	3	2	0	2	0	0	2	0	2
3	3	0	3	0	5	1	1	0	2	0	5	5	2
4	3	0	3	2	2	0	2	****	****	0	0	2	1
5	2	5	7	7	9	2	3	2	2	3	6	4	4
6	2	4	1	4	2	4	2	2	2	2	0	1	2
7	2	2	0	0	1	3	1	1	1	0	0	2	1
8	1	2	2	0	0	1	0	0	4	6	5	6	2
9	2	4	3	6	5	2	3	3	6	5	2	2	4
10	1	1	4	2	2	1	2	1	0	0	0	1	1
11	0	2	0	2	0	2	0	2	2	5	7	5	2
12	5	6	5	4	2	2	****	5	3	3	1	3	4
13	3	2	3	5	1	2	2	0	3	0	2	5	2
14	1	2	0	2	0	0	5	2	2	3	2	0	2
15	3	0	3	2	7	7	5	3	11	7	9	3	6
16	0	0	3	2	0	0	2	13	13	9	7	4	4
17	7	6	7	7	5	4	3	3	11	5	6	4	6
18	5	0	5	9	9	11	7	8	8	9	5	5	7
19	3	3	2	1	0	0	3	0	3	2	2	0	2
20	0	2	3	3	4	2	4	2	5	3	2	3	3
21	0	2	0	2	0	2	0	2	0	2	0	2	1
22	0	3	2	2	1	0	0	2	0	0	0	3	1
23	0	0	3	5	2	3	1	3	2	5	3	2	2
24	3	0	2	1	3	2	2	3	2	3	2	2	2
25	9	3	3	0	2	2	2	****	****	0	5	4	3
26	4	2	4	4	6	7	3	2	9	4	4	1	4
27	7	1	1	0	3	2	1	3	5	4	4	2	4
28	3	1	2	0	0	0	1	3	0	3	2	4	2
29	1	1	0	4	4	7	0	4	2	2	2	0	2
30	2	5	4	3	0	0	3	3	2	1	2	4	2
MEAN	3	2	3	3	3	2	2	3	4	3	3	3	3
PERCENTAGE OF DATA VALID - 98													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - HIGHWAY 7 AND 400 TORONTO							MONTH DEC 71						
NO 48001	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
HOURLY DAY													
1	0	1	5	1	1	1	1	0	0	3	4	0	1
2	3	0	7	1	7	4	2	1	1	6	7	1	3
3	2	2	1	1	2	1	1	1	1	0	0	0	1
4	0	7	0	0	3	3	1	2	11	3	1	2	3
5	1	0	2	6	2	0	0	0	3	0	2	10	2
6	7	1	4	6	12	4	6	5	9	7	9	5	6
7	3	3	2	5	4	0	0	****	2	2	0	2	0
8	0	3	2	2	3	0	6	4	4	3	4	6	3
9	5	8	3	2	5	6	2	4	6	11	9	0	5
10	10	3	4	5	3	3	4	3	5	4	0	0	4
11	2	2	0	0	1	0	0	0	3	4	3	7	2
12	2	5	0	3	2	0	1	0	4	0	0	2	2
13	2	0	0	1	2	0	0	2	0	0	3	2	1
14	0	0	2	2	13	3	0	2	4	2	1	3	3
15	4	2	5	0	0	4	0	2	2	3	1	5	3
16	0	4	2	2	2	****	4	2	0	0	3	2	2
17	2	0	3	6	4	4	2	3	0	4	2	0	2
18	0	2	2	0	2	0	1	1	1	0	0	2	1
19	5	4	2	4	0	5	0	3	4	6	5	4	3
20	2	2	2	4	6	4	2	3	6	3	7	3	4
21	2	3	3	5	3	2	0	0	0	5	1	3	2
22	0	0	5	0	0	0	0	3	0	5	6	5	2
23	7	2	4	0	0	1	4	5	5	1	6	6	4
24	2	2	0	0	3	4	0	1	0	0	2	0	1
25	0	1	4	0	0	7	0	2	2	0	0	4	2
26	7	4	6	2	0	3	2	2	0	2	0	3	3
27	0	0	0	1	3	0	2	4	2	0	2	0	1
28	2	0	2	0	0	3	0	0	2	0	0	4	1
29	3	0	1	0	2	2	0	3	3	2	2	2	2
30	2	2	1	2	1	2	3	2	0	2	2	2	2
31	0	1	2	0	2	3	2	4	4	5	6	7	3
MEAN	2	2	2	2	3	2	2	2	3	3	3	3	2
PERCENTAGE OF DATA VALID - 99													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - HIGHWAY 7 AND 400 TORONTO NO 48001

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	3	7	15
FEB	28	3	7	17
MAR	25	2	6	12
APR	25	2	7	11
MAY	31	2	7	14
JUN	25	3	7	19
JUL	18	2	3	11
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT	13	4	9	21
NOV	30	3	7	13
DEC	31	2	6	13
YEAR	251	2	9	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO NO 48001

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	226	48	9	0	0	0	0	283
FEB	277	47	6	1	0	0	0	331
MAR	264	26	5	0	0	0	0	295
APR	268	22	1	0	0	0	0	291
MAY	317	49	6	0	0	0	0	372
JUN	240	42	6	3	0	0	0	291
JUL	161	26	1	0	0	0	0	188
AUG		DATA MISSING						
SEP		DATA MISSING						
OCT	81	57	10	0	1	0	0	149
NOV	281	69	5	0	0	0	0	355
DEC	309	57	4	0	0	0	0	370
YEAR	2424	443	53	4	1	0	0	2925

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
80	0	0.3	0.8	1.5	2.5	5.4	7.1	10.0	11.4	21	2.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH JAN 71

STATION - MACDONALD GDNS. OTTAWA	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	4	6	2	2	1	1	3	1	5	3	2	3
2	8	12	3	14	8	5	2	4	6	6	1	7	6
3	8	4	3	2	8	2	1	5	11	10	12	5	6
4	7	4	3	2	8	2	8	6	5	5	3	3	6
5	2	5	3	3	11	3	4	4	5	5	3	5	6
6	2	5	3	3	8	3	7	3	7	8	2	5	5
7	4	5	1	5	4	3	2	6	10	2	0	2	4
8	7	0	3	3	5	5	2	3	3	7	13	7	5
9	9	8	6	4	3	4	6	8	2	10	4	8	6
10	13	2	7	4	4	2	4	6	2	7	8	5	5
11	10	9	10	5	12	10	6	9	10	10	11	5	9
12	0	4	2	4	2	2	5	0	2	5	5	8	3
13	2	7	6	7	8	6	2	10	7	6	6	5	6
14	5	3	7	0	3	5	12	5	7	4	7	6	5
15	8	7	6	16	11	7	3	5	6	7	0	0	6
16	0	3	2	2	4	2	5	3	0	11	2	****	3
17	****	****	****	12	0	6	2	4	3	5	8	9	5
18	****	0	3	8	1	1	2	2	3	5	2	4	3
19	3	2	2	3	4	3	2	1	6	3	3	5	3
20	4	5	4	2	4	3	4	2	6	8	9	7	5
21	5	8	3	7	7	4	2	7	6	9	6	6	6
22	2	3	7	2	6	5	2	5	7	11	7	4	5
23	4	5	3	7	5	11	2	5	3	3	4	7	5
24	2	5	5	6	0	5	4	3	4	4	5	3	4
25	****	7	7	16	17	7	6	7	8	5	8	6	9
26	7	6	10	12	11	12	11	5	3	5	4	5	8
27	2	5	2	0	1	2	5	2	3	4	2	2	3
28	11	4	9	7	5	2	4	2	6	2	9	10	5
29	1	6	9	9	16	8	8	5	7	7	8	3	9
30	3	6	6	4	4	4	2	5	5	4	****	****	4
31	- DATA MISSING -												
MEAN	5	5	5	6	6	5	4	4	5	6	5	5	5

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH FEB 71

STATION - MACDONALD GDNS. OTTAWA	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	****	****	****	****	****	****	****	5	7	2	7	3	****
2	7	2	6	7	2	4	2	2	6	7	9	7	5
3	7	8	1	7	6	6	10	2	9	5	5	8	6
4	4	3	7	2	8	9	8	2	5	3	2	2	5
5	2	2	3	5	2	3	2	3	1	10	2	4	3
6	3	5	2	3	3	2	3	2	3	3	4	3	3
7	7	4	6	4	3	7	3	2	2	3	0	4	4
8	2	5	2	2	2	2	6	2	5	4	2	0	3
9	3	0	1	6	0	5	2	0	3	3	2	10	3
10	8	3	1	3	2	3	8	7	5	4	3	****	4
11	****	8	12	4	5	7	5	14	4	7	6	8	7
12	8	11	15	11	8	7	10	7	11	8	6	3	9
13	1	2	0	4	4	2	4	0	4	2	2	3	2
14	0	4	2	0	2	2	3	4	2	1	7	4	3
15	4	3	8	4	5	6	5	5	5	6	9	2	5
16	2	8	5	5	4	4	2	1	4	10	14	16	6
17	10	8	9	2	11	8	13	12	14	9	12	12	10
18	16	11	15	22	28	****	12	5	8	2	4	5	12
19	****	3	8	1	5	3	0	5	6	9	1	4	4
20	2	2	2	3	4	2	2	0	5	0	4	6	3
21	3	3	2	5	5	3	3	4	2	5	6	7	4
22	4	7	6	7	2	3	2	5	3	4	5	9	5
23	0	5	2	7	2	0	4	0	8	3	1	8	3
24	0	6	5	6	5	3	2	1	8	9	4	5	5
25	4	4	4	7	2	8	11	2	9	19	23	7	8
26	8	9	7	7	8	10	9	9	11	10	6	5	8
27	4	2	9	5	10	3	3	0	1	1	1	2	3
28	3	2	0	1	2	2	4	0	4	0	0	****	2
MEAN	4	5	5	5	5	4	5	4	5	5	5	6	5

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	****	2	0	4	6	1	3	0	1	4	12	11	4
2	19	17	9	6	8	4	5	3	3	4	3	8	7
3	9	8	4	4	4	8	5	3	3	4	4	0	5
4	6	1	0	3	3	2	2	0	0	2	4	2	2
5	1	0	5	0	2	2	2	0	0	5	5	2	2
6	12	4	8	10	4	3	1	5	2	1	8	5	1
7	4	5	2	2	2	1	0	6	0	2	5	7	5
8	2	3	5	5	3	0	2	5	2	0	0	2	3
9	4	0	1	1	2	0	1	3	0	6	6	2	3
10	****	****	4	9	9	8	5	0	5	7	6	5	6
11	3	4	2	5	5	1	2	6	4	4	3	6	4
12	11	6	13	12	14	10	7	1	3	9	12	19	10
13	15	8	5	9	6	10	2	1	2	6	11	10	7
14	15	13	11	11	9	0	5	4	5	2	5	7	7
15	5	5	5	5	5	4	13	7	0	6	0	4	5
16	****	****	****	****	2	2	2	0	3	4	0	****	3
17	****	****	****	****	2	0	2	1	0	5	2	5	2
18	2	4	0	11	1	0	2	0	0	5	3	2	3
19	4	11	7	3	7	4	3	0	5	5	3	2	3
20	3	4	2	2	2	2	0	2	0	5	3	0	2
21	3	0	3	6	0	3	3	0	1	3	2	7	3
22	9	2	3	0	4	3	2	0	0	2	8	8	3
23	2	5	3	2	0	3	0	2	2	3	3	2	2
24	0	3	5	4	2	0	3	1	2	0	5	****	2
25	****	****	2	4	0	4	2	2	0	7	5	0	3
26	4	5	5	9	3	2	0	2	0	3	5	12	4
27	3	10	9	3	3	2	3	3	0	3	7	11	5
28	8	8	5	3	2	0	0	0	0	0	5	0	3
29	2	3	0	3	1	5	7	4	5	9	2	5	4
30	3	4	2	5	1	8	4	2	2	0	2	0	3
31	2	3	0	3	0	0	1	2	2	0	7	5	2
MEAN	6	5	4	5	4	3	3	2	2	4	5	5	4

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	8	7	3	7	11	7	10	9	3	3	****	7
2	****	2	2	3	9	6	3	3	4	2	4	1	4
3	3	2	2	1	1	2	3	0	2	2	2	2	2
4	3	3	2	0	1	0	1	0	0	2	2	4	2
5	0	6	0	2	3	2	0	2	0	2	0	4	2
6	2	6	11	7	9	4	0	3	1	5	8	7	5
7	7	0	4	2	1	0	2	1	0	2	0	1	2
8	1	5	0	1	2	0	2	3	1	4	10	6	3
9	5	8	2	4	2	0	3	2	2	3	2	4	3
10	0	5	1	0	1	2	2	1	2	2	2	4	2
11	3	3	11	0	2	4	1	0	1	2	5	5	3
12	4	6	3	6	3	2	2	1	6	3	7	10	4
13	4	9	4	6	7	2	3	2	1	3	1	2	4
14	****	0	0	3	0	2	2	3	1	2	1	2	1
15	3	2	1	2	0	3	0	2	2	2	4	0	2
16	2	0	2	0	0	0	0	0	3	4	1	5	1
17	8	8	4	1	0	0	0	1	2	2	7	7	3
18	7	5	4	3	4	0	0	0	0	2	1	4	3
19	2	5	8	4	7	0	2	2	0	1	0	2	3
20	1	4	11	4	8	6	5	5	****	****	****	****	6
21	****	****	****	****	****	****	****	****	13	6	7	2	****
22	5	0	0	3	1	0	0	0	3	2	3	0	1
23	0	2	1	5	2	2	2	2	1	3	1	4	2
24	11	8	12	5	2	1	0	3	2	2	2	0	4
25	5	2	5	2	2	2	2	0	5	1	2	4	3
26	2	5	7	3	3	3	5	2	2	8	7	3	4
27	0	2	0	2	0	2	****	2	0	1	0	4	1
28	4	6	7	6	6	5	2	2	2	1	1	1	4
29	3	3	2	2	2	****	****	****	****	****	****	****	****
30													
MEAN	3	4	4	3	3	2	2	2	2	3	3	3	3

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5	****	****	****	****	****	****	0		2	1	2	4	****
6	3	3	1	2	0	0	2	0	0	0	3	0	1
7	2	3	2	2	1	2	****	3	0	4	8	6	3
8	6	4	0	2	4	3	3	4	4	3	2	0	3
9	2	4	4	1	3	3	0	0	1	2	6	5	3
10	1	2	3	2	4	2	2	0	2	4	6	2	3
11	3	0	2	5	0	3	0	3	2	4	5	4	3
12	3	8	3	5	6	9	3	2	0	1	0	1	3
13	2	2	2	2	4	2	2	0	0	3	0	3	2
14	1	1	0	0	0	0	2	0	6	2	3	6	2
15	3	10	9	5	3	0	0	1	0	0	0	3	3
16	2	2	2	2	2	0	0	1	2	2	2	0	1
17	1	5	1	0	1	0	3	2	2	2	4	0	2
18	1	2	3	2	2	****	1	1	1	4	3	2	2
19	4	4	2	1	3	1	2	0	8	7	2	2	3
20	4	8	4	2	2	6	3	5	4	0	0	0	3
21	5	4	3	2	1	0	0	2	0	2	0	0	2
22	3	0	0	3	0	0	0	2	3	6	2	2	2
23	2	0	1	0	2	0	1	0	2	1	1	2	1
24	3	0	0	1	0	0	0	1	2	1	2	3	1
25	1	2	2	2	0	2	2	0	2	2	0	0	1
26	0	2	2	3	4	****	****	****	****	****	****	****	****
27							- DATA MISSING -						
28	****	****	****	****	****	****	2	2	2	0	3	1	****
29	1	3	5	1	7	2	2	2	0	6	1	0	2
30	3	0	3	2	0	0	2	0	0	0	2	2	1
31	3	2	0	2	0	0	0	3	0	2	3	2	1
MEAN	3	3	2	2	2	2	1	1	2	2	2	2	2

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	0	2	2	2	3	3	1	1	0	1	1
2	2	5	7	2	2	4	1	1	2	2	1	2	3
3	7	2	3	3	2	1	1	3	0	4	3	0	2
4	2	0	2	2	0	2	2	0	3	1	0	2	1
5	0	0	1	1	1	2	2	1	0	2	0	2	1
6	1	4	3	2	2	0	2	0	0	0	2	2	2
7	2	2	0	6	0	2	2	0	6	0	3	0	2
8	1	0	1	0	****	****	****	****	****	****	****	****	****
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17	****	****	****	****	****	3	2	0	3	0	0	3	****
18	2	5	0	0	2	4	1	0	2	3	2	7	2
19	3	0	0	0	2	3	0	0	5	4	0	0	1
20	2	0	5	0	4	3	0	0	0	3	0	1	2
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	2	2	2	2	2	2	1	1	2	2	1	2	2

PERCENTAGE OF DATA VALID - 36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6	****	****	****	****	****	****	****	****	0	0	2	1	****
7	1	1	2	6	2	0	1	0	5	0	5	2	2
8	0	0	4	2	****	****	3	3	0	2	1	3	2
9	2	2	3	1	0	0	3	2	3	2	0	2	2
10	0	2	2	2	0	2	0	2	0	1	2	1	1
11	2	2	0	0	0	0	3	0	2	2	0	0	1
12	0	0	2	0	3	0	2	3	1	0	2	3	1
13	0	2	2	4	6	0	3	0	4	2	6	0	2
14	6	0	3	1	2	0	0	2	0	3	0	2	2
15	1	0	4	1	****	0	5	0	0	2	0	2	1
16	2	3	3	5	0	2	2	3	0	2	7	3	3
17	2	5	0	3	0	2	2	0	2	2	2	0	2
18	2	0	2	1	0	2	2	0	0	2	0	2	1
19	2	3	2	1	2	3	2	3	0	0	2	0	2
20	3	0	3	0	5	2	0	2	3	2	5	0	2
21	4	2	0	5	2	3	2	0	0	5	0	3	2
22	0	1	3	7	4	2	5	0	5	2	2	2	3
23	5	2	0	5	2	2	2	4	2	5	5	2	3
24	5	2	4	2	4	2	3	0	1	3	2	1	2
25	0	7	0	1	2	0	3	0	2	0	2	0	1
26	0	3	2	7	2	1	3	0	3	2	4	3	3
27	0	2	0	2	0	0	0	0	0	2	3	3	1
28	3	3	0	4	0	1	7	2	2	0	5	2	2
29	0	2	2	6	7	2	4	2	2	2	2	3	3
30	1	4	2	5	2	1	2	2	0	1	5	2	2
31	1	5	0	11	1	1	2	2	0	2	4	2	3
MEAN	2	2	2	3	2	1	2	1	1	2	3	2	2

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	2	2	1	2	0	2	1	1	1	2	1
2	5	0	2	0	3	2	2	2	2	2	2	0	2
3	4	4	0	5	2	2	2	1	3	1	1	2	2
4	2	2	0	2	2	2	1	2	0	3	3	0	2
5	2	2	2	0	3	1	0	0	1	2	2	5	2
6	0	0	3	1	2	2	1	0	1	3	2	3	2
7	0	2	0	2	0	2	2	4	0	2	5	4	2
8	2	2	5	4	2	1	2	2	2	0	0	4	2
9	1	0	2	2	3	3	3	3	1	2	3	2	2
10	2	0	3	6	6	3	1	5	5	4	2	2	3
11	4	2	2	6	2	2	0	1	2	2	0	2	2
12	0	0	1	2	5	2	****	0	3	0	1	2	1
13	2	2	2	6	1	2	1	0	2	3	2	2	2
14	2	1	0	3	4	2	2	1	0	2	1	2	2
15	1	2	0	1	1	0	0	2	0	1	0	2	1
16	2	2	0	3	2	1	1	0	2	4	2	4	2
17	0	2	0	2	2	2	0	4	0	1	5	4	2
18	2	0	2	7	2	4	1	2	2	4	4	8	3
19	2	4	5	7	6	****	4	2	5	4	4	6	4
20	4	4	4	6	4	4	3	2	0	0	2	1	3
21	4	2	4	2	0	5	0	2	1	2	4	3	2
22	3	2	0	0	2	3	0	2	2	2	2	2	2
23	2	2	0	2	1	2	0	1	2	1	4	1	2
24	0	0	2	1	0	2	2	0	2	6	2	6	2
25	0	9	2	2	2	5	3	6	1	0	3	4	3
26	2	1	3	6	4	3	3	0	7	0	3	0	3
27	3	1	2	7	2	5	9	1	2	3	0	2	3
28	2	1	2	2	0	2	1	0	3	0	2	3	2
29	0	2	5	2	2	2	0	2	0	3	3	0	2
30	3	1	2	3	5	1	5	0	2	2	2	0	2
31	2	0	0	0	0	3	0	2	0	5	2	5	2
MEAN	2	2	2	3	2	2	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	3	1	0	2	0	4	5	5	7	3
2	3	3	3	0	2	5	0	5	5	4	0	5	3
3	3	2	3	7	5	4	3	3	5	2	3	3	4
4	2	2	6	2	5	0	3	2	0	8	2	3	3
5	2	2	4	2	0	2	2	2	2	0	5	2	2
6	3	0	4	0	3	2	2	0	3	0	6	4	2
7	0	5	2	7	5	3	2	5	4	2	1	4	3
8	4	3	3	9	2	2	2	1	4	4	2	2	3
9	0	2	1	2	2	0	2	2	0	2	3	2	2
10	0	2	4	0	6	1	2	2	2	4	4	2	2
11	3	3	2	5	5	3	4	6	1	2	4	3	3
12	5	0	2	1	3	1	1	2	2	1	3	0	2
13	0	1	1	2	2	1	1	4	0	0	2	3	1
14	2	0	0	0	2	1	2	7	0	7	3	7	3
15	4	1	5	3	2	0	3	3	0	2	2	0	2
16	0	2	2	7	3	0	2	5	2	10	9	5	4
17	0	2	2	4	0	0	3	1	0	2	0	3	1
18	0	0	2	0	2	2	5	2	5	5	2	6	3
19	0	0	3	2	2	5	0	2	4	3	1	3	2
20	0	3	2	5	2	7	0	3	0	5	3	2	3
21	5	2	3	0	3	0	0	0	5	5	4	8	3
22	8	6	9	11	13	2	0	2	0	4	4	3	5
23	2	2	3	0	2	3	3	3	9	3	3	0	3
24	0	2	2	3	0	0	0	0	3	5	5	2	2
25	2	2	2	5	0	0	2	0	2	5	0	0	2
26	3	2	3	5	4	3	2	0	2	3	5	3	3
27	5	0	3	9	2	0	2	5	2	3	3	3	3
28	0	3	0	3	0	7	3	5	7	2	9	8	4
29	0	7	4	3	2	2	3	2	7	0	2	0	3
30	2	3	3	4	1	0	2	2	2	2	5	3	2
MEAN	2	2	3	3	3	2	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	6	5	4	5	0	2	5	2	3	3
2	9	0	0	3	0	5	3	5	0	3	0	2	3
3	2	0	0	3	1	0	2	0	0	2	2	0	1
4	3	0	2	3	5	3	4	4	3	2	5	3	3
5	5	3	2	9	3	4	1	0	7	5	3	3	4
6	0	3	2	5	2	0	6	5	0	3	0	3	2
7	0	3	0	4	2	5	0	4	1	3	5	2	2
8	3	0	2	0	5	0	1	3	2	6	3	0	2
9	7	0	3	5	2	2	7	2	0	4	2	1	3
10	3	5	2	3	3	0	3	0	4	2	5	2	3
11	2	2	6	2	3	3	3	2	2	6	3	0	3
12	2	0	2	2	0	2	0	5	2	5	7	9	3
13	7	3	6	5	3	5	0	3	2	3	5	5	4
14	3	3	3	7	2	7	1	0	5	1	5	1	3
15	3	0	5	2	0	3	0	2	2	2	0	6	2
16	2	0	1	0	0	0	1	0	2	0	4	3	1
17	0	1	0	2	0	2	0	0	0	0	0	4	1
18	2	0	0	3	2	0	0	0	3	2	3	0	1
19	3	4	0	0	0	3	0	3	0	5	1	2	1
20	0	3	0	0	0	2	2	0	2	0	3	2	1
21	2	3	0	2	0	0	3	2	0	2	0	3	1
22	0	3	0	3	0	3	4	0	0	0	3	0	1
23	3	0	2	0	1	0	0	2	1	0	2	0	1
24	0	2	3	0	2	0	0	2	0	0	1	1	1
25	2	0	2	0	0	0	0	3	2	0	2	0	1
26	3	0	0	0	0	2	0	0	0	2	0	1	1
27	0	0	3	1	2	2	0	0	3	2	0	0	1
28	0	0	0	0	2	0	0	0	2	2	2	0	1
29	0	0	2	0	0	2	0	1	5	2	0	1	1
30	0	0	0	2	0	0	0	0	0	0	0	3	0
31	0	0	2	2	0	0	2	0	1	0	0	3	1
MEAN	2	1	2	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH NOV 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	2	0	0	0	2	1	2	0	0	4	1
2	3	2	0	3	1	2	2	5	2	2	2	3	2
3	0	0	0	2	0	3	0	2	2	0	0	0	1
4	0	3	0	2	0	0	1	2	2	0	4	0	1
5	0	2	0	0	2	0	3	0	2	2	0	2	1
6	1	0	3	2	0	2	5	1	2	0	0	1	1
7	0	5	3	2	0	0	5	0	0	2	0	0	1
8	0	2	0	0	0	0	0	2	3	0	2	2	1
9	3	3	2	0	3	0	1	2	1	2	0	1	2
10	1	6	3	4	4	4	0	0	1	1	2	0	2
11	0	1	4	1	0	2	0	2	1	2	1	1	1
12	0	4	2	0	5	4	2	2	0	****	****	****	2
13	****	****	****	****	****	****	- DATA MISSING -		0	2	0	2	****
14	****	****	****	****	****	****	****	****	0	2	0	2	****
15	0	4	0	0	2	2	1	2	1	1	0	1	1
16	1	2	2	1	1	0	0	2	0	5	6	2	2
17	2	2	0	1	3	1	1	0	1	1	5	2	2
18	1	2	0	1	2	3	1	****	2	7	2	3	2
19	4	3	3	0	2	3	2	1	4	0	2	2	2
20	0	3	0	0	0	3	2	0	4	0	1	3	1
21	0	0	2	0	2	1	0	0	1	0	1	1	1
22	0	0	3	0	0	2	0	1	3	5	0	1	1
23	0	0	0	1	0	0	2	2	0	1	0	4	1
24	1	2	1	0	3	4	0	2	1	1	0	3	2
25	0	0	0	2	2	1	****	4	3	1	0	2	1
26	0	2	0	0	2	0	0	2	3	1	4	5	2
27	1	2	0	0	2	1	2	2	4	2	1	2	2
28	2	1	0	2	3	0	5	0	2	0	1	0	1
29	1	1	2	4	2	1	1	1	0	2	1	2	2
30	0	1	0	1	0	0	1	1	2	2	1	2	1
MEAN	1	2	1	1	1	1	1	1	2	2	1	2	1

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH DEC 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	2	1	0	1	0	2	0	6	2	1	1
2	0	1	2	1	0	2	2	3	0	2	0	0	1
3	0	3	0	3	0	2	0	2	2	2	0	0	1
4	1	0	3	2	1	2	0	2	2	0	2	0	1
5	0	7	0	0	2	0	0	2	2	0	0	2	1
6	0	3	0	0	2	2	0	0	5	0	2	4	2
7	0	3	0	2	0	0	2	0	3	0	5	0	1
8	0	1	2	0	0	7	0	0	3	0	0	0	1
9	2	0	****	0	0	3	2	2	2	2	3	0	1
10	2	0	0	0	3	0	2	2	0	2	3	1	1
11	3	5	2	3	0	0	0	2	3	2	2	0	2
12	3	2	2	0	2	0	0	4	0	0	0	3	1
13	2	0	0	2	0	2	0	3	0	1	0	0	1
14	0	2	0	3	1	2	0	3	0	0	0	2	1
15	0	6	2	4	0	2	2	0	2	0	2	0	2
16	3	0	2	2	2	2	2	1	0	5	0	0	2
17	2	0	2	2	0	0	2	0	1	0	3	1	1
18	2	0	2	0	4	0	2	0	0	0	2	1	1
19	3	0	2	1	1	0	1	1	0	0	0	1	1
20	1	2	3	2	1	0	2	3	2	2	2	2	2
21	2	6	1	2	5	****	3	2	0	2	0	0	2
22	0	0	0	0	2	2	0	1	1	3	2	2	1
23	2	3	2	1	1	2	2	3	1	5	0	4	2
24	1	1	2	0	4	2	1	0	0	1	2	0	1
25	0	1	2	1	0	2	2	1	1	0	1	0	1
26	2	1	1	1	3	2	2	3	0	2	1	0	2
27	0	0	0	0	0	0	4	0	2	0	1	3	1
28	1	0	0	1	0	0	4	2	2	0	1	1	1
29	3	0	2	2	2	2	1	****	1	0	2	1	1
30	3	0	2	0	0	0	2	0	1	2	2	1	1
31	2	2	0	1	3	2	2	1	2	2	3	2	2
MEAN	1	2	1	1	1	1	1	2	1	1	1	1	1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH SEP 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	3	1	0	2	0	4	5	5	7	3
2	3	3	3	0	2	5	0	5	5	4	0	5	3
3	3	2	3	7	5	4	3	3	5	2	3	3	4
4	2	2	6	2	5	0	3	2	0	8	2	3	3
5	2	2	4	2	0	2	2	2	2	0	5	2	2
6	3	0	4	0	3	2	2	0	3	0	6	4	2
7	0	5	2	7	5	3	2	5	4	2	1	4	3
8	4	3	3	9	2	2	2	1	4	4	2	2	3
9	0	2	1	2	2	0	2	2	0	2	3	2	2
10	0	2	4	0	6	1	2	2	2	4	4	2	2
11	3	3	2	5	5	3	4	6	1	2	4	3	3
12	5	0	1	1	3	1	1	2	2	1	3	0	2
13	0	1	1	2	2	1	1	4	0	0	2	3	1
14	0	0	0	0	2	1	2	7	0	7	3	7	3
15	4	1	5	3	2	0	3	3	0	2	2	0	2
16	0	2	2	7	3	0	2	5	2	10	2	0	4
17	0	2	2	4	0	0	3	1	0	0	0	3	1
18	0	0	2	0	2	2	5	2	5	2	2	6	3
19	0	0	3	2	2	5	0	2	4	3	1	3	2
20	0	3	2	5	2	7	0	3	0	5	3	2	3
21	5	2	3	0	3	0	0	0	5	5	4	8	3
22	8	6	9	11	13	2	0	2	0	4	4	3	5
23	2	2	3	0	2	3	3	3	9	3	3	0	3
24	0	0	2	3	2	0	0	0	3	5	5	2	2
25	2	2	2	5	0	0	1	2	2	5	0	0	2
26	3	3	3	5	4	0	2	2	2	5	5	2	3
27	5	0	3	9	2	0	2	5	2	3	3	3	3
28	0	3	0	3	0	7	3	5	7	3	9	8	4
29	0	7	4	3	2	2	3	2	7	0	2	3	2
30	2	3	3	4	1	0	2	2	2	2	5	0	2
MEAN	2	2	3	3	3	2	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH OCT 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	6	5	4	5	0	2	5	2	3	3
2	9	0	0	5	0	5	3	5	0	3	0	2	3
3	2	0	0	3	1	0	2	0	0	2	2	0	1
4	3	0	2	3	5	3	4	0	3	2	2	1	3
5	3	3	2	9	3	4	1	0	2	7	5	3	4
6	0	3	2	5	2	0	6	5	0	3	5	2	2
7	0	3	0	4	2	5	0	4	1	3	5	2	2
8	3	0	2	0	5	0	1	3	2	6	3	0	2
9	7	0	3	5	2	2	7	2	0	4	2	1	3
10	3	5	2	3	3	0	3	0	4	2	5	2	3
11	2	2	6	2	3	3	3	2	2	6	3	0	3
12	2	0	2	2	0	3	0	5	2	5	7	9	3
13	7	3	6	5	3	5	0	3	2	3	5	5	4
14	5	3	3	8	7	2	1	0	5	1	5	1	3
15	3	3	0	5	2	3	0	2	2	2	0	6	2
16	2	1	0	2	0	0	1	0	2	0	0	3	1
17	0	1	0	2	0	2	0	0	2	0	4	0	1
18	2	0	0	3	2	0	0	0	3	2	1	2	1
19	3	4	0	0	0	3	0	3	0	5	3	2	2
20	0	3	0	0	0	2	2	0	2	0	3	2	1
21	2	3	0	2	0	0	3	2	0	2	0	3	1
22	0	3	0	3	0	3	4	0	0	0	3	0	1
23	3	0	2	0	1	0	0	2	1	0	2	0	1
24	0	2	3	0	2	0	0	2	0	0	1	1	1
25	2	0	2	0	0	0	0	3	2	0	2	0	1
26	5	3	0	0	0	2	0	0	0	2	0	1	1
27	0	0	0	3	1	2	0	3	2	0	0	0	1
28	0	3	0	0	2	2	0	0	5	2	2	0	1
29	0	0	2	0	0	0	2	1	2	0	0	0	1
30	0	0	0	2	0	0	0	0	0	0	0	3	0
31	0	0	2	2	0	0	2	0	1	0	0	3	1
MEAN	2	1	2	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	2	0	0	0	2	1	2	0	0	4	1
2	3	2	0	3	1	2	2	5	2	2	2	3	2
3	0	0	0	2	0	3	0	2	2	0	0	0	1
4	0	3	0	2	0	0	1	2	2	0	0	0	1
5	0	2	0	0	2	2	3	0	2	2	0	2	1
6	1	0	2	2	0	2	5	1	0	2	0	1	1
7	0	5	3	2	0	0	5	0	0	2	0	0	1
8	0	2	0	0	0	0	0	2	3	0	2	2	1
9	3	3	2	0	3	0	1	2	1	2	0	1	2
10	1	6	3	4	4	4	0	0	1	1	2	0	2
11	0	1	4	1	0	2	0	2	1	2	1	1	1
12	0	4	2	0	5	4	2	2	0	***	***	***	2
13							- DATA MISSING -						
14	****	****	****	****	****	****	****	****	0	2	0	2	****
15	0	4	0	0	2	2	1	2	1	1	0	1	1
16	1	2	2	1	1	0	0	2	0	5	6	2	2
17	2	2	0	1	3	1	1	0	1	1	5	2	2
18	1	2	0	1	2	3	1	****	2	7	2	3	2
19	4	3	3	1	2	3	2	1	4	0	2	2	2
20	0	3	0	0	0	3	2	0	4	0	1	3	1
21	0	0	2	0	2	1	0	0	1	0	1	1	1
22	0	0	3	0	0	2	0	1	3	5	0	1	1
23	0	0	0	1	0	0	2	2	0	1	0	4	1
24	1	2	1	0	3	4	0	2	1	1	0	3	2
25	0	0	0	2	2	1	****	4	3	1	0	2	1
26	0	2	0	0	2	0	0	2	3	1	4	5	2
27	1	2	0	0	2	1	2	2	4	2	1	2	2
28	2	1	0	2	3	0	5	0	2	0	1	0	1
29	1	1	2	4	2	1	1	1	0	2	1	2	2
30	0	1	0	1	0	0	1	1	2	2	1	2	1
MEAN	1	2	1	1	1	1	1	1	2	2	1	2	1

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	2	1	0	1	0	2	0	6	2	1	1
2	0	1	2	1	0	2	2	3	0	2	0	0	1
3	0	3	0	3	0	2	0	2	2	2	0	0	1
4	1	0	3	2	1	2	0	2	2	0	2	0	1
5	0	7	0	0	2	0	0	2	2	0	0	2	1
6	0	3	0	0	2	2	0	0	5	0	2	4	2
7	0	3	0	2	0	0	2	0	3	0	5	0	1
8	0	1	2	0	0	7	0	0	3	0	0	0	1
9	2	0	****	0	0	3	2	2	2	2	3	0	1
10	2	0	0	0	3	0	2	2	0	2	3	1	1
11	3	5	2	3	0	0	0	2	3	2	2	0	2
12	3	2	2	0	2	0	0	4	0	0	0	3	1
13	2	0	0	2	0	2	0	3	0	1	0	0	1
14	0	2	0	3	1	2	0	0	0	0	0	2	1
15	0	6	2	4	0	2	2	0	2	0	2	0	2
16	3	0	2	2	2	2	2	1	0	5	0	0	2
17	2	0	2	2	0	0	2	0	1	0	3	1	1
18	2	0	2	0	4	0	2	0	0	0	2	1	1
19	3	0	2	1	1	0	1	1	0	0	0	1	1
20	1	2	3	2	1	0	2	3	2	2	2	2	2
21	2	6	1	2	5	****	3	2	0	2	0	0	2
22	0	0	0	0	2	2	0	1	1	3	2	2	1
23	2	3	2	1	1	2	2	3	1	5	0	4	2
24	1	1	2	0	4	2	1	0	0	1	2	2	1
25	0	1	2	1	0	1	2	1	1	0	2	0	1
26	2	1	1	1	3	2	2	3	0	2	1	0	2
27	0	0	0	0	0	0	4	0	2	0	1	3	1
28	1	0	0	1	0	0	4	2	2	0	1	1	1
29	3	0	2	2	2	2	1	****	1	0	2	1	1
30	3	0	2	0	0	0	2	0	1	2	2	1	1
31	2	2	0	1	3	2	2	1	2	2	3	2	2
MEAN	1	2	1	1	1	1	1	2	1	1	1	1	1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - MACDONALD GDNS, OTTAWA

NO 51001

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	5	9	17
FEB	28	5	12	28
MAR	31	4	10	19
APR	29	3	7	13
MAY	26	2	3	10
JUN	12	2	3	7
JUL	26	2	3	11
AUG	31	2	4	9
SEP	30	3	5	13
OCT	31	2	4	9
NOV	29	1	2	7
DEC	31	1	2	7
YEAR	334	3	12	28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - MACDONALD GDNS, OTTAWA

NO 51001

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	163	165	20	4	0	0	0	352
FEB	177	123	18	3	3	0	0	324
MAR	234	105	19	3	0	0	0	361
APR	253	65	7	0	0	0	0	325
MAY	264	27	0	0	0	0	0	291
JUN	122	9	0	0	0	0	0	131
JUL	268	31	1	0	0	0	0	300
AUG	333	37	0	0	0	0	0	370
SEP	291	67	2	0	0	0	0	360
OCT	325	47	0	0	0	0	0	372
NOV	322	13	0	0	0	0	0	335
DEC	358	11	0	0	0	0	0	369
YEAR	3110	700	67	10	3	0	0	3890

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
88	0	0.3	0.9	1.6	2.8	5.8	7.6	10.1	11.5	28		2.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	1	3	2	3	0	3	3	3	2	4	9	3
2	2	7	4	8	5	3	5	5	3	3	0	3	4
3	3	0	1	2	0	0	1	5	5	5	6	3	3
4	4	2	0	4	3	10	12	11	13	12	7	4	7
5	2	1	0	2	5	5	6	6	5	9	4	2	4
6	4	3	2	2	2	7	5	7	8	12	4	4	5
7	3	5	4	1	3	4	4	4	12	10	3	2	5
8	0	2	2	3	4	4	10	2	16	9	8	3	5
9	6	2	3	3	4	8	9	9	3	4	5	2	5
10	3	3	3	2	5	3	3	9	5	5	5	7	4
11	3	4	3	9	9	7	28	29	24	12	6	5	12
12	2	6	3	3	5	5	7	5	11	9	8	5	6
13	5	5	3	8	10	6	8	9	12	9	2	2	7
14	2	2	0	2	2	2	11	9	28	29	16	6	9
15	7	2	2	3	8	7	7	5	12	13	7	6	7
16	1	0	3	0	0	2	3	5	6	9	9	6	4
17	3	0	3	2	2	5	6	2	3	2	4	2	3
18	0	4	0	2	2	5	8	4	10	12	7	7	5
19	2	2	3	3	7	5	9	7	17	9	3	6	6
20	2	1	0	2	5	2	8	6	10	15	10	4	5
21	4	0	3	1	1	5	8	9	7	6	4	3	4
22	3	0	0	3	5	5	3	4	5	3	2	3	3
23	2	2	4	3	4	4	2	2	3	2	3	1	3
24	4	2	3	2	2	1	2	2	6	2	3	4	3
25	3	0	2	3	8	****	****	****	****	****	****	****	****
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	3	2	2	3	4	4	7	7	9	8	5	4	5

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12	****	****	****	****	****	****	0	0	9	3	5	7	****
13	3	0	2	0	2	0	0	3	2	3	0	2	1
14	5	0	2	2	0	2	2	2	3	0	3	5	2
15	2	1	0	3	2	3	8	5	7	7	5	5	4
16	2	3	2	0	3	2	5	2	2	8	9	11	4
17	5	2	4	5	0	9	5	6	5	9	7	5	5
18	6	7	3	9	4	2	3	0	5	6	4	3	4
19	0	2	1	5	0	2	0	3	3	2	2	5	2
20	1	0	3	0	0	8	3	5	3	5	2	0	3
21	3	2	0	2	0	5	2	5	3	3	2	3	3
22	2	3	1	0	3	7	5	2	3	2	4	3	2
23	2	5	2	3	3	3	3	3	3	2	2	5	2
24	0	2	0	2	2	5	3	3	3	2	2	5	5
25	3	3	5	3	6	3	5	5	4	11	4	4	5
26	7	7	7	5	8	7	6	7	7	9	7	6	7
27	5	3	5	0	3	0	0	5	3	7	2	0	3
28	2	0	3	4	3	0	3	2	3	3	3	0	2
MEAN	3	3	3	3	2	4	3	3	4	5	4	4	3

PERCENTAGE OF DATA VALID - 58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	0	0	0	2	2	6	3	5	2	2
2	4	2	3	1	3	5	0	0	2	2	5	0	2
3	2	5	0	0	2	3	3	4	3	4	3	3	3
4	3	2	3	2	0	3	2	0	3	3	2	2	2
5	1	5	2	3	0	3	2	3	3	3	6	3	3
6	7	4	8	5	2	3	0	1	2	2	3	0	3
7	4	2	2	5	0	2	3	2	1	2	0	1	2
8	2	0	3	2	2	0	***	0	0	0	0	2	1
9	2	2	1	0	4	0	3	0	2	4	2	7	2
10	5	6	5	5	3	7	0	0	2	2	3	4	4
11	0	3	3	3	3	5	0	5	3	6	5	7	4
12	2	5	6	4	9	5	3	2	6	7	9	7	5
13	6	2	2	3	7	2	3	4	6	9	5	8	5
14	3	7	5	4	7	6	4	3	7	5	0	5	5
15	2	5	7	7	2	5	2	1	0	1	2	4	3
16	0	3	0	4	0	1	3	5	0	4	3	2	2
17	1	2	3	2	2	3	3	2	0	2	4	2	2
18	2	3	4	0	0	0	5	2	1	3	2	6	2
19	3	3	3	0	2	2	3	3	2	2	2	3	2
20	2	1	2	2	3	2	5	2	3	4	4	1	3
21	2	1	0	0	3	2	3	0	5	3	3	2	2
22	4	9	1	2	5	***	***	***	3	0	2	3	3
23	1	1	0	1	1	0	4	1	1	2	1	0	1
24	2	2	2	1	2	3	1	2	2	3	3	3	2
25	3	2	0	0	2	1	0	3	0	1	2	2	1
26	2	1	2	4	2	0	0	2	2	0	2	4	2
27	2	1	3	3	1	0	2	1	5	2	2	1	2
28	1	4	2	4	3	3	2	3	2	3	2	2	3
29	2	2	5	3	2	2	4	2	2	1	0	2	2
30	0	1	0	2	2	2	1	2	0	1	1	0	1
31	0	2	1	2	2	0	7	0	3	1	1	4	2
MEAN	2	3	3	2	2	2	2	2	2	3	3	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	1	2	4	3	1	0	1	2	2	1	2	2
2	3	1	4	2	1	1	***	***	***	***	***	***	***
3							- DATA MISSING -	-					
4							- DATA MISSING -	-					
5							- DATA MISSING -	-					
6							- DATA MISSING -	-					
7							- DATA MISSING -	-					
8							- DATA MISSING -	-					
9							- DATA MISSING -	-					
10							- DATA MISSING -	-					
11							- DATA MISSING -	-					
12							- DATA MISSING -	-					
13	***	***	***	***	***	***	2	3	2	0	1	1	***
14	5	0	1	1	2	1	2	3	1	2	1	2	2
15	2	7	1	1	2	1	1	1	2	1	2	2	1
16	0	1	1	3	0	0	2	1	2	2	2	4	2
17	5	3	2	2	2	0	2	1	1	6	3	2	1
18	0	0	0	1	2	0	1	1	1	1	3	2	1
19	2	0	0	1	2	2	2	2	3	2	1	3	2
20	3	2	1	2	0	3	2	1	2	3	3	2	2
21	2	4	1	3	1	1	2	2	1	2	2	1	2
22	0	2	2	0	1	1	2	0	1	1	1	0	1
23	0	1	2	0	2	1	0	2	1	0	2	2	1
24	0	1	3	3	2	2	2	1	1	2	2	3	2
25	0	2	0	2	2	1	2	0	0	2	1	***	1
26	2	2	1	2	***	***	***	***	***	***	***	***	***
27							- DATA MISSING -	-					
28	***	***	***	***	***	***	5	2	3	3	2	3	***
29	4	3	3	7	2	4	4	6	7	2	2	2	4
30	2	3	1	4	2	2	4	3	1	2	5	3	3
MEAN	2	2	1	2	2	1	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 55

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH MAY 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	2	2	6	2	4	2	4	1	3	3	2	3
2	1	2	2	1	2	2	3	2	3	3	3	2	2
3	2	3	1	2	1	2	2	2	1	0	2	4	2
4	3	1	1	3	2	2	0	0	5	8	4	0	2
5	3	3	1	4	2	2	3	3	3	3	4	3	3
6	6	8	4	5	4	2	2	3	2	3	6	4	4
7	7	2	6	6	2	1	2	3	0	1	7	13	4
8	11	7	2	3	2	4	4	2	1	2	3	0	3
9	4	4	2	4	2	1	0	2	1	3	2	3	2
10	4	1	5	5	2	1	3	3	2	3	2	3	3
11	3	3	5	2	4	2	3	2	4	2	6	5	3
12	6	3	1	4	4	2	6	2	2	3	2	2	3
13	0	1	0	2	2	2	1	1	0	2	2	2	1
14	3	4	4	0	6	1	****	****	3	2	2	1	3
15	2	1	1	3	2	2	2	2	2	4	2	4	2
16	2	2	3	2	2	2	2	1	3	5	4	2	3
17	3	2	2	3	2	1	2	2	2	2	2	2	2
18	0	3	1	2	2	2	2	2	3	3	7	1	2
19	1	2	2	2	5	2	4	3	3	3	5	5	3
20	5	1	2	4	2	2	2	1	2	2	1	4	2
21	2	3	4	5	2	2	2	2	1	0	2	1	2
22	0	0	0	0	0	2	2	1	0	2	2	2	1
23	1	2	1	1	2	2	0	0	2	1	2	3	1
24	4	8	4	4	0	2	2	2	2	1	2	2	3
25	3	2	4	3	2	2	2	1	0	2	1	2	2
26	1	0	1	2	2	2	2	2	3	3	2	2	2
27	3	2	1	6	2	2	2	2	1	5	3	4	3
28	2	4	5	7	3	2	3	1	1	2	3	6	3
29	0	2	0	2	2	1	2	1	2	2	2	4	2
30	5	4	4	2	3	2	2	1	0	3	0	3	2
31	2	0	2	2	2	1	0	2	2	1	3	1	2
MEAN	3	3	2	3	2	2	2	2	2	2	3	3	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH JUN 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	2	2	2	1	3	2	0	2	3	2	2
2	5	3	5	5	1	2	2	2	2	2	5	2	3
3	2	3	1	5	2	4	2	2	4	1	3	2	3
4	4	2	3	3	****	****	****	****	****	****	****	****	****
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	3	3	3	4	2	2	2	2	2	2	4	2	3

PERCENTAGE OF DATA VALID - 11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH JUL 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16	****	****	****	****	0	3	2	2	0	0	2	0	1
17	2	2	3	2	3	0	0	0	0	6	2	0	2
18	3	0	2	0	2	1	3	0	0	5	2	2	2
19	0	5	0	2	3	0	6	3	2	0	3	0	2
20	0	0	0	2	2	0	0	3	2	2	1	0	1
21	0	3	0	5	0	0	3	2	2	1	0	0	1
22	2	0	5	2	5	0	2	0	5	2	0	1	2
23	7	3	3	2	4	5	4	3	2	5	7	4	4
24	0	3	1	2	2	4	0	2	3	2	0	2	2
25	1	4	1	2	2	2	0	2	0	1	2	3	2
26	0	3	1	0	0	2	0	0	2	4	2	0	1
27	1	0	1	0	0	1	2	0	2	0	2	2	1
28	6	4	5	0	0	0	0	0	0	3	1	1	2
29	2	2	0	5	5	2	4	1	0	1	0	3	2
30	0	0	2	2	0	0	1	0	0	2	2	1	1
31	1	0	0	4	0	2	1	2	5	7	4	0	2
MEAN	2	2	2	2	2	1	2	1	2	2	2	1	2

PERCENTAGE OF DATA VALID - 50

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH AUG 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	3	2	2	2	2	3	2	2	2	6	2
2	0	2	2	2	1	3	2	1	3	2	0	2	2
3	2	2	0	2	2	2	4	2	2	0	0	2	2
4	0	0	0	2	2	2	0	0	2	2	1	1	1
5	1	0	0	1	2	0	2	1	3	2	0	1	1
6	7	0	2	2	0	0	1	0	0	7	0	0	2
7	2	2	0	0	0	2	0	0	0	7	0	5	2
8	1	0	3	7	2	0	0	2	7	0	8	5	3
9	0	4	1	2	0	2	13	1	2	5	3	0	3
10	10	5	0	3	3	2	5	7	0	0	0	5	3
11	0	9	2	1	0	2	0	2	1	0	5	2	2
12	0	3	0	0	2	3	2	0	2	0	2	0	1
13	0	0	5	5	0	0	****	3	0	4	2	6	2
14	2	2	2	2	2	2	3	5	2	2	0	3	2
15	0	0	0	2	2	0	5	0	0	2	0	0	1
16	2	3	2	5	0	1	2	0	7	0	2	0	2
17	3	7	0	1	3	0	3	3	0	3	5	0	2
18	3	19	15	4	1	2	0	5	0	0	3	2	5
19	11	4	8	5	5	2	7	2	5	2	2	3	5
20	3	3	1	2	1	0	****	****	****	****	****	****	****
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27	****	****	****	****	****	****	0	0	1	3	3	5	****
28	0	3	0	2	2	2	3	3	2	0	2	0	2
29	2	0	1	7	0	3	3	0	3	0	3	2	2
30	2	0	3	3	3	2	0	1	2	0	2	2	2
31	0	2	2	3	2	0	2	0	1	3	5	3	2
MEAN	2	3	2	3	2	1	3	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	7	7	7	3	0	0	0	0	5	5	3	3
2	3	1	2	0	3	2	2	3	3	3	6	2	3
3	4	2	2	0	2	0	6	2	2	2	5	2	2
4	2	2	6	2	4	0	7	2	7	2	5	0	3
5	2	3	3	3	2	5	3	2	2	2	3	4	3
6	0	0	5	3	2	4	1	6	3	5	0	1	3
7	3	0	3	2	0	3	1	0	3	2	2	2	2
8	2	3	6	0	***	0	3	2	4	2	0	2	2
9	4	2	4	0	0	0	2	0	2	0	0	2	1
10	2	5	7	3	0	2	0	0	0	0	7	0	2
11	3	5	4	5	1	7	2	0	3	5	2	0	3
12	3	2	0	3	2	5	2	0	0	2	0	0	3
13	2	1	5	2	2	0	5	2	3	3	0	5	2
14	0	0	1	2	2	0	0	2	2	0	0	0	2
15	5	0	9	2	3	3	3	0	5	2	0	0	1
16	0	0	7	5	2	2	0	6	0	5	3	2	3
17	2	3	0	3	0	0	0	7	2	0	0	2	3
18	0	0	2	0	2	7	0	0	0	5	0	2	2
19	0	7	0	0	0	1	0	3	2	2	4	0	2
20	0	2	1	2	0	7	2	0	0	2	2	3	2
21	0	2	0	3	2	5	0	3	3	2	0	7	2
22	0	2	4	9	3	2	5	5	2	2	10	5	4
23	9	0	7	4	3	0	5	4	0	0	5	0	3
24	0	3	2	1	0	0	0	2	2	2	1	7	2
25	0	4	2	1	3	0	0	8	0	0	2	2	2
26	2	2	2	0	5	0	0	2	0	2	2	0	2
27	0	2	1	3	0	1	7	0	3	0	3	3	2
28	5	0	5	6	1	0	0	3	0	3	0	2	2
29	8	0	5	0	0	0	5	4	2	0	2	0	2
30	2	2	2	0	5	0	2	0	3	2	0	2	2
MEAN	2	2	3	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	5	2	0	0	3	3	0	3	3	3	2
2	0	0	3	2	3	4	0	0	5	2	1	3	2
3	2	2	0	0	0	2	3	2	0	0	0	3	1
4	2	0	2	2	2	2	2	4	3	2	2	4	2
5	2	3	7	2	2	2	3	0	2	2	0	0	2
6	3	0	3	3	1	0	2	0	3	0	0	0	1
7	1	0	0	0	0	0	3	5	0	0	0	1	1
8	0	2	0	3	0	0	0	4	5	0	3	0	1
9	2	0	3	5	5	3	3	2	4	3	2	6	3
10	3	2	0	2	4	0	2	2	6	4	5	3	3
11	0	2	2	2	8	2	2	0	3	5	0	2	2
12	0	1	0	2	2	0	3	2	2	0	5	2	2
13	2	2	8	10	5	0	1	4	7	6	7	7	5
14	4	4	0	4	6	4	7	3	4	5	5	3	4
15	3	2	3	0	0	2	4	6	1	2	2	8	3
16	6	10	10	7	7	2	5	6	2	5	3	1	5
17	0	1	2	3	0	0	4	1	4	3	0	0	1
18	5	1	7	7	2	3	3	6	12	6	12	5	2
19	7	5	11	3	3	4	3	3	4	4	6	0	4
20	7	1	6	2	5	9	3	4	8	7	6	0	5
21	3	0	7	2	3	2	3	5	4	3	11	12	5
22	8	3	1	5	***	***	5	2	2	6	5	3	4
23	2	6	4	4	4	0	5	3	0	2	6	1	3
24	8	1	0	4	2	7	5	2	2	0	5	0	3
25	8	1	6	3	4	3	3	1	6	0	6	1	4
26	1	1	0	2	1	2	1	4	0	1	0	0	1
27	2	1	2	2	3	0	4	2	0	6	0	3	2
28	1	0	0	4	0	5	0	2	1	4	4	2	2
29	0	3	3	3	***	1	4	5	3	4	4	4	3
30	2	7	6	5	2	3	1	5	2	0	2	0	3
31	2	2	8	2	4	2	3	3	2	3	3	2	3
MEAN	3	2	3	3	3	2	3	3	3	3	4	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	1	5	2	0	0	3	0	5	7	2
2	6	3	2	7	0	2	4	0	4	4	0	3	3
3	0	1	2	2	1	0	3	1	1	2	2	2	1
4	0	0	2	0	4	3	0	1	2	1	2	0	1
5	1	2	4	3	****	****	****	****	****	****	****	****	****
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12	****	****	****	****	****	****	****	0	3	7	5	0	****
13	2	4	2	1	0	0	3	3	1	0	0	2	2
14	0	2	0	0	1	0	2	1	2	4	0	4	1
15	7	7	3	0	3	2	9	3	9	3	3	4	4
16	2	3	0	1	0	5	3	3	6	3	4	7	3
17	5	5	2	11	4	0	5	0	7	0	5	4	4
18	0	4	3	5	4	3	2	8	6	3	1	5	4
19	3	1	0	2	4	2	****	0	2	5	4	0	2
20	0	0	0	0	0	3	2	1	3	2	1	4	1
21	0	0	3	2	0	5	0	0	0	2	2	4	2
22	0	1	2	0	0	0	0	0	0	0	2	0	1
23	4	0	0	3	5	0	4	0	2	3	7	0	3
24	5	0	3	3	0	2	3	0	7	4	4	2	3
25	4	0	4	2	3	0	2	0	1	4	3	4	2
26	0	4	1	4	1	2	7	5	8	11	7	3	4
27	4	7	5	6	3	3	3	3	6	2	4	5	4
28	9	4	3	3	3	0	3	0	11	0	3	9	4
29	3	6	6	0	7	3	0	10	2	0	5	3	4
30	5	7	2	3	5	3	2	2	0	5	1	2	3
MEAN	3	3	2	3	2	2	3	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 75

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	3	14	2	0	0	0	2	0	6	6	3
2	3	2	3	0	3	0	3	****	****	****	****	****	****
3	****	****	****	****	****	****	****	****	0	3	2	5	****
4	2	0	2	3	3	1	4	0	3	3	2	3	2
5	3	2	2	7	3	0	0	3	3	2	2	3	3
6	2	0	0	3	0	3	0	4	2	4	0	0	2
7	4	0	5	3	2	5	3	2	7	5	3	7	4
8	5	3	2	3	5	5	3	3	7	2	3	7	4
9	6	5	0	5	7	5	2	2	5	4	4	2	4
10	2	9	3	3	11	****	2	2	2	0	6	1	4
11	4	1	2	3	3	0	2	0	1	0	2	1	2
12	4	1	0	2	2	3	0	2	0	3	1	1	2
13	4	2	0	1	6	2	0	4	3	0	0	1	2
14	2	1	2	5	3	3	2	4	0	2	8	2	3
15	2	6	1	5	2	3	1	4	0	2	2	0	3
16	2	2	0	2	0	1	2	1	1	2	0	2	1
17	0	1	2	2	0	2	0	0	2	2	0	2	1
18	8	3	0	2	0	1	0	0	6	4	0	0	2
19	0	3	7	1	7	0	5	2	3	2	4	1	3
20	5	4	1	2	1	2	4	4	1	6	5	5	3
21	4	4	0	2	3	6	3	2	3	2	2	3	3
22	1	1	0	2	1	4	5	5	6	1	5	0	3
23	2	6	5	10	2	0	5	2	0	6	4	3	4
24	2	3	2	0	2	3	4	0	3	0	0	0	2
25	0	1	0	0	0	0	0	5	2	0	0	5	1
26	2	4	1	9	0	2	6	3	0	1	0	2	2
27	2	2	0	0	0	2	4	5	4	5	4	1	2
28	5	2	2	0	0	4	5	2	6	2	7	5	4
29	0	7	0	3	6	1	4	0	2	6	5	2	3
30	2	0	3	0	8	12	14	5	5	5	1	2	5
31	3	3	2	5	2	6	2	3	3	5	0	1	3
MEAN	3	3	2	3	3	3	3	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - 797 PRINCESS ST KINGSTON

NO 52015

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	5	12	29
FEB	17	3	7	11
MAR	31	3	5	9
APR	19	2	4	7
MAY	31	2	4	13
JUN	4	3	3	5
JUL	16	2	4	7
AUG	25	2	5	19
SEP	30	2	4	10
OCT	31	3	6	12
NOV	24	3	4	11
DEC	31	3	5	14
YEAR	284	3	12	29

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	170	101	14	3	5	0	0	293
FEB	135	61	2	0	0	0	0	198
MAR	311	57	0	0	0	0	0	368
APR	192	9	0	0	0	0	0	201
MAY	333	35	2	0	0	0	0	370
JUN	35	5	0	0	0	0	0	40
JUL	169	19	0	0	0	0	0	188
AUG	248	35	3	1	0	0	0	287
SEP	295	64	0	0	0	0	0	359
OCT	287	77	5	0	0	0	0	369
NOV	220	49	3	0	0	0	0	272
DEC	284	70	4	0	0	0	0	358
YEAR	2679	582	33	4	5	0	0	3303

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99		MAX
75	0	0.3	1.0	1.7	2.8	5.2	6.7	8.7	10.7	29	2.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	10	11	6	2	6	5	7	2	8	2	7	4	6
2	5	2	5	7	5	4	6	7	3	8	5	5	5
3	3	3	3	3	2	3	3	0	4	3	9	2	3
4	9	2	2	3	2	1	4	2	3	3	4	***	3
5	****	1	0	0	5	2	0	1	2	0	0	4	1
6	4	0	4	2	0	3	3	2	0	2	1	2	2
7	1	2	2	1	1	1	3	2	0	3	3	0	2
8	1	0	2	3	2	1	3	2	5	10	3	2	3
9	21	15	16	10	11	3	8	5	10	15	11	14	12
10	11	5	11	9	8	6	12	10	12	14	13	2	9
11	5	5	4	3	2	2	2	4	4	4	5	2	4
12	3	4	0	4	0	0	1	2	2	0	4	2	4
13	2	4	2	1	6	2	5	5	8	4	2	5	4
14	2	4	3	0	5	5	0	2	3	2	7	****	3
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	6	4	4	3	4	3	4	3	5	5	5	4	4

PERCENTAGE OF DATA VALID - 44

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8	****	****	****	****	****	5	3	7	0	2	5	2	****
9	3	0	2	3	0	3	0	2	3	2	0	2	2
10	3	3	0	0	0	2	3	2	2	2	0	5	2
11	2	0	2	3	5	2	7	5	4	7	4	7	4
12	3	2	2	5	2	2	3	2	5	9	3	7	4
13	3	2	0	3	5	0	3	0	0	5	0	5	2
14	0	2	4	2	3	2	2	0	2	3	2	3	2
15	5	5	3	0	3	3	4	0	2	2	2	2	3
16	0	11	2	0	7	0	2	2	4	2	5	5	3
17	5	7	26	11	9	3	7	3	5	7	11	8	9
18	7	7	5	6	2	5	3	5	2	5	2	3	4
19	0	2	0	0	2	3	1	0	2	5	2	4	2
20	0	2	3	3	3	3	2	4	3	7	2	2	3
21	0	7	1	0	3	2	0	5	0	0	4	1	2
22	0	5	4	8	5	2	4	2	3	2	0	2	3
23	0	3	0	3	7	3	0	2	5	1	7	2	3
24	0	2	3	2	3	3	2	3	2	5	5	7	3
25	15	9	6	7	7	2	****	****	4	2	4	3	6
26	3	5	6	11	4	2	8	4	7	8	6	6	6
27	3	7	6	7	6	3	6	1	2	2	2	4	4
28	3	1	5	4	0	3	2	0	0	4	1	2	2
MEAN	3	4	4	4	4	3	3	2	3	4	3	4	3

PERCENTAGE OF DATA VALID - 72

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	3	2	0	2	3	0	2	2	2	2
2	4	4	3	2	7	0	5	2	1	3	8	3	4
3	2	10	11	18	22	5	6	11	2	5	5	2	8
4	2	2	0	3	1	2	0	2	0	2	1	0	1
5	5	0	2	0	0	2	3	0	0	0	0	5	2
6	1	0	2	3	2	5	5	2	1	6	2	4	3
7	3	1	1	2	5	3	5	2	6	12	5	2	4
8	3	1	1	2	1	6	3	2	1	2	0	3	2
9	3	2	2	0	4	2	2	2	1	2	0	0	2
10	2	3	0	6	1	0	0	2	3	5	2	****	2
11	****	****	5	2	9	3	6	6	7	5	1	5	5
12	0	7	2	3	7	2	3	3	7	13	7	3	5
13	21	21	17	7	13	4	2	2	8	5	7	8	10
14	5	6	5	6	2	2	0	3	3	3	9	4	4
15	7	9	6	11	13	4	5	0	0	0	4	1	5
16	4	0	2	2	2	0	5	2	3	8	0	2	3
17	2	2	0	2	1	2	3	3	2	1	****	****	2
18	0	0	2	2	2	2	2	2	0	0	2	0	1
19	3	3	3	15	2	0	4	2	2	3	0	2	3
20	2	0	4	0	5	2	0	2	1	3	0	0	2
21	1	1	2	2	3	0	1	3	3	0	3	1	2
22	1	0	2	3	0	0	2	0	5	2	3	4	3
23	3	3	3	5	0	3	0	0	0	0	7	****	2
24	****	2	0	2	2	3	0	2	2	0	3	3	2
25	3	5	1	0	0	3	0	5	4	0	1	2	2
26	5	4	3	9	2	1	3	0	7	2	11	17	2
27	10	21	15	0	7	3	7	5	6	10	5	7	5
28	0	4	3	2	2	7	1	2	3	0	0	2	8
29	6	5	4	5	5	4	3	1	1	0	2	5	2
30	0	0	2	2	5	1	0	1	0	3	0	****	1
31	****	2	3	2	1	3	0	0	0	2	2	3	2
MEAN	4	4	3	4	4	2	2	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	1	1	2	2	3	2	2	0	5	2
2	9	4	2	2	2	1	3	0	2	3	2	2	3
3	2	0	2	0	2	1	2	2	1	3	1	2	2
4	1	0	1	0	2	0	2	0	0	1	2	2	1
5	2	2	1	0	1	3	1	1	0	1	2	2	1
6	1	2	2	1	0	2	0	2	2	2	8	4	2
7	9	1	7	4	1	2	****	0	1	2	2	1	3
8	2	1	3	0	0	1	4	3	0	1	0	2	1
9	1	0	2	1	0	2	2	2	5	4	5	3	2
10	3	0	3	1	2	0	0	1	3	0	0	2	1
11	3	2	5	1	2	1	1	1	2	1	2	5	2
12	7	12	19	7	2	5	4	5	2	2	1	5	6
13	11	5	3	4	6	3	0	3	2	2	1	****	4
14	3	2	2	2	0	3	2	0	0	1	1	2	2
15	3	1	1	0	0	1	2	1	2	2	3	2	1
16	4	3	1	3	3	3	1	2	0	4	8	2	3
17	6	4	2	4	0	2	0	2	2	0	3	5	3
18	9	5	6	5	2	1	1	2	0	3	4	5	4
19	6	2	6	7	2	1	4	1	2	3	5	2	3
20	8	4	2	2	3	3	6	0	1	2	2	3	3
21	0	2	1	1	1	3	1	2	1	0	3	2	1
22	1	1	2	0	0	2	2	3	2	8	13	10	4
23	3	2	1	2	3	3	2	0	1	0	1	2	2
24	3	0	2	1	1	4	1	0	1	0	0	1	1
25	1	2	0	1	1	4	1	2	0	2	2	3	1
26	0	1	1	0	2	2	1	0	0	2	2	3	1
27	2	1	3	2	1	2	****	****	****	****	****	****	****
28	****	****	****	****	****	****	0	5	1	5	2	2	****
29	5	2	5	5	7	0	4	3	2	4	3	0	3
30	4	3	5	3	0	5	0	2	2	2	0	3	2
MEAN	4	2	3	2	2	2	2	2	1	2	3	3	2

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	7	2	0	0	0	2	2	3	0	9	2	3
2	2	2	2	2	0	2	0	0	6	2	2	4	2
3	0	0	0	5	4	0	0	3	2	0	0	0	2
4	3	0	0	1	0	0	0	2	2	0	2	0	1
5	2	0	3	2	2	4	0	2	1	2	2	3	2
6	5	1	2	7	4	3	2	0	2	0	5	3	3
7	7	3	0	3	0	2	0	1	1	4	4	3	2
8	4	5	3	0	7	2	4	3	2	2	0	2	3
9	2	2	4	0	0	0	2	0	3	2	0	5	2
10	2	0	0	7	7	0	0	****	0	2	2	0	2
11	3	0	2	2	1	2	2	1	1	1	1	2	2
12	2	1	3	2	1	1	1	2	0	3	1	1	2
13	1	0	1	1	0	2	3	1	1	2	1	1	1
14	1	1	2	5	0	0	0	0	1	1	2	1	2
15	6	3	0	1	2	1	2	1	2	2	2	1	2
16	1	3	3	1	1	0	2	1	0	3	1	2	1
17	2	1	1	1	2	1	1	2	1	3	1	1	1
18	0	0	3	0	0	0	1	1	2	3	2	2	1
19	1	1	1	2	0	3	2	3	1	0	0	1	2
20	1	2	0	2	2	0	0	0	1	1	0	0	1
21	2	1	0	3	4	0	0	0	1	1	0	0	1
22	0	1	0	1	1	0	0	0	0	1	0	2	1
23	1	2	1	1	0	0	0	0	0	11	2	3	2
24	2	3	****	****	****	****	****	****	****	****	****	****	****
25	****	****	****	****	****	****	****	****	****	****	****	****	****
26	0	0	0	1	1	0	3	0	2	2	0	4	1
27	0	0	0	4	1	0	1	0	2	1	0	5	1
28	1	2	0	3	3	2	0	1	1	2	3	1	1
29	2	2	0	1	1	0	0	0	2	0	3	3	2
30	0	3	0	2	8	2	0	0	2	0	0	0	0
31	0	0	0	2	3	2	1	2	0	0	3	1	1
MEAN	2	2	1	2	2	1	1	1	2	2	2	2	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	4	4	2	0	0	2	0	1	2	2	2	2
2	2	1	3	1	0	0	5	2	2	3	2	8	2
3	3	2	3	5	2	2	0	2	0	3	0	0	2
4	5	1	2	2	3	3	1	0	0	0	0	3	1
5	0	3	0	2	0	2	0	2	0	2	3	5	2
6	0	5	0	2	0	0	3	2	1	3	0	3	2
7	2	5	3	0	4	0	3	2	0	5	1	3	2
8	0	2	0	1	3	0	3	2	0	0	0	0	0
9	2	0	3	0	0	0	0	0	0	0	0	0	0
10	0	3	0	2	0	0	2	2	2	2	0	0	1
11	2	2	2	1	0	****	****	****	****	****	****	****	****
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16	****	****	****	****	****	3	2	6	2	0	1	2	****
17	5	0	5	2	3	0	0	0	0	2	3	3	2
18	3	0	0	3	5	0	0	1	0	5	3	0	2
19	1	0	3	0	5	2	0	2	7	5	1	5	3
20	3	2	5	0	5	0	2	0	5	0	4	2	2
21	0	2	2	0	2	2	****	0	3	0	0	2	1
22	2	2	0	3	1	3	3	3	2	0	5	0	2
23	3	2	0	3	3	0	5	0	2	0	1	0	2
24	3	0	3	0	5	0	2	4	2	0	2	2	2
25	2	2	0	4	6	1	****	****	****	****	****	****	****
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	2	2	2	2	2	1	2	1	2	2	1	2	2

PERCENTAGE OF DATA VALID - 64

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7	****	****	****	****	****	****	0	2	0	4	2	0	****
8	0	3	2	2	2	2	2	1	2	2	7	0	2
9	3	3	3	2	0	2	2	2	2	1	0	2	2
10	0	2	0	2	0	3	0	0	2	0	2	4	1
11	3	0	3	3	0	3	2	0	1	0	3	1	2
12	2	0	0	5	0	2	2	0	0	5	2	7	2
13	2	0	3	0	3	0	9	3	0	0	1	5	2
14	0	3	2	1	****	****	****	****	****	****	****	****	****
15							- DATA MISSING -						
16	****	****	****	****	****	****	****	6	0	3	2	2	****
17	2	0	2	3	1	0	4	0	2	2	1	0	1
18	0	2	2	0	2	0	0	2	0	0	2	5	1
19	2	0	0	2	1	0	0	2	2	3	0	0	1
20	2	7	0	2	3	0	0	3	2	0	3	0	2
21	3	0	2	0	2	2	0	2	0	2	1	4	2
22	0	3	3	5	2	2	0	2	0	2	3	6	2
23	0	2	3	5	3	4	6	6	2	5	5	2	4
24	5	2	5	3	2	5	2	4	4	2	1	2	3
25	2	2	1	6	0	2	0	0	2	1	1	3	2
26	1	1	2	3	2	0	3	0	4	2	0	1	2
27	3	2	2	0	0	0	1	0	2	2	1	1	1
28	2	2	4	4	2	0	2	0	2	4	4	1	2
29	4	4	4	4	3	2	2	2	3	4	2	1	3
30	2	0	5	2	3	3	0	2	2	0	3	0	2
31	9	4	3	2	2	0	3	2	3	6	0	3	3
MEAN	2	2	2	2	1	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	5	0	4	3	3	0	2	0	5	0	2
2	5	3	3	3	2	5	1	2	2	0	2	5	3
3	3	1	3	5	0	0	0	2	6	0	2	0	2
4	3	0	0	0	2	1	2	0	1	0	5	1	1
5	0	0	0	0	2	0	0	3	0	0	2	2	1
6	0	0	0	0	3	0	3	0	3	1	0	3	1
7	0	2	0	5	0	0	0	0	2	2	5	3	2
8	4	2	2	0	3	3	5	0	2	2	0	2	2
9	0	2	2	2	****	0	2	1	1	3	4	1	2
10	4	5	3	1	2	4	1	5	0	3	2	2	3
11	2	8	2	1	0	2	2	0	2	0	2	0	2
12	0	0	3	0	0	3	2	0	1	0	1	0	1
13	4	2	2	1	0	2	3	0	3	5	7	5	3
14	1	2	8	2	0	2	2	3	0	0	2	2	2
15	4	0	3	0	2	0	2	0	0	0	5	3	2
16	3	2	0	2	4	1	****	3	0	1	7	0	2
17	2	5	1	3	2	3	2	0	0	3	4	0	3
18	1	1	2	2	2	1	2	2	0	7	7	6	2
19	8	2	5	5	0	3	0	3	2	5	4	4	4
20	2	2	1	9	3	0	0	0	3	0	0	5	2
21	3	0	3	0	5	0	2	0	2	1	2	0	2
22	2	2	0	2	0	0	0	0	0	3	0	1	1
23	1	0	0	1	****	0	2	0	0	2	2	0	1
24	4	0	0	0	2	0	2	2	2	2	2	0	2
25	5	2	0	2	2	3	0	5	0	2	4	2	2
26	3	3	2	2	5	7	0	7	2	3	0	5	3
27	1	9	7	9	3	2	2	1	0	3	0	5	4
28	2	2	0	3	4	0	2	0	0	0	0	1	1
29	0	3	5	2	5	1	3	0	3	3	0	3	2
30	0	2	3	0	****	****	****	****	****	****	****	****	****
31							- DATA MISSING -						
MEAN	2	2	2	2	2	2	2	1	1	2	3	2	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH SEP 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9	****	****	****	****	****	0	0	3	0	3	4	2	****
10	3	3	4	2	5	2	0	0	1	5	4	3	3
11	5	9	5	5	3	7	3	3	6	5	0	0	4
12	4	0	0	2	3	2	0	0	4	4	1	3	2
13	3	0	4	2	5	4	0	2	0	3	2	2	2
14	0	0	0	2	4	2	2	3	0	5	3	5	2
15	2	3	0	3	2	2	2	0	1	1	5	5	1
16	0	2	0	1	2	2	0	1	0	2	0	0	1
17	2	0	0	0	2	5	21	0	2	2	2	0	3
18	0	0	2	0	2	0	0	0	0	2	5	2	1
19	0	2	3	2	2	3	0	2	0	1	0	2	1
20	2	2	0	2	2	1	0	0	2	0	0	2	1
21	0	2	0	2	1	2	2	0	2	3	3	3	2
22	0	0	3	2	2	0	3	1	2	2	0	7	2
23	1	0	2	0	0	2	0	0	6	3	2	0	1
24	1	1	0	1	0	0	0	0	2	1	0	2	1
25	1	0	1	1	0	2	0	0	2	0	0	2	1
26	2	0	1	2	1	1	1	0	4	6	11	5	3
27	4	4	6	2	4	2	8	2	2	4	4	3	4
28	3	3	4	4	6	4	8	8	6	2	4	0	2
29	2	2	5	3	2	1	2	1	2	4	0	2	2
30	0	2	2	3	2	1	0	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	1	2	3	2	2	2

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH OCT 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	5	8	4	3	1	****	1	0	2	0	0	2
2	0	3	1	2	1	3	3	4	1	4	0	2	2
3	0	2	1	2	0	2	0	0	0	0	0	2	1
4	1	3	2	5	2	3	2	0	0	0	0	1	2
5	2	2	2	2	2	2	5	4	2	2	3	2	3
6	1	2	4	3	4	2	2	4	0	2	0	2	2
7	0	0	2	1	2	0	3	1	0	2	0	2	1
8	0	0	1	1	1	0	1	1	0	0	2	0	1
9	2	2	4	2	1	0	2	2	3	3	2	7	3
10	3	5	1	3	3	2	2	3	2	4	2	3	3
11	0	0	2	0	1	2	0	1	1	0	0	2	1
12	0	2	0	4	1	4	2	1	4	0	2	3	2
13	3	6	13	0	0	****	2	0	0	3	3	3	3
14	3	3	4	9	9	4	3	1	5	4	7	1	4
15	3	2	2	4	3	3	2	2	2	2	5	6	3
16	6	8	10	12	7	7	3	2	3	2	3	1	5
17	2	2	1	2	1	2	4	1	1	0	2	0	2
18	2	3	6	3	7	3	5	1	7	4	6	3	4
19	4	4	7	12	11	8	0	4	2	3	4	2	5
20	5	4	2	5	10	****	2	4	3	8	10	14	6
21	10	9	7	23	13	7	2	5	5	12	16	20	11
22	17	3	9	12	2	5	4	2	4	5	2	3	6
23	3	2	3	0	2	1	0	2	2	3	3	4	2
24	2	2	2	3	2	2	3	2	2	1	1	2	2
25	0	2	2	3	1	2	2	0	3	3	3	1	2
26	3	2	3	2	0	2	2	1	2	4	0	3	2
27	2	2	1	3	****	2	0	2	4	3	3	2	2
28	5	2	0	2	5	2	2	2	4	3	2	****	2
29	6	1	0	3	2	2	2	0	2	10	18	18	5
30	10	4	5	8	3	6	3	2	0	2	1	2	4
31	1	2	0	0	3	5	4	4	5	2	3	3	3
MEAN	3	3	3	4	3	3	2	2	2	3	3	4	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	2	2	0	0	0	4	3	9	2	2
2	2	6	2	3	2	6	0	1	0	2	1	0	2
3	2	2	0	2	4	****	4	0	5	0	2	0	2
4	2	0	2	0	0	5	2	0	6	3	2	1	2
5	3	****	0	2	0	0	1	3	2	0	1	0	2
6	2	2	5	2	4	3	3	2	2	5	0	2	3
7	0	2	1	0	3	0	0	0	2	0	2	0	1
8	1	0	0	2	0	0	1	3	5	7	19	11	4
9	3	2	3	2	4	2	5	2	0	0	3	3	2
10	2	0	2	0	5	****	1	1	2	4	2	1	2
11	1	2	3	3	5	0	2	1	2	2	0	4	2
12	0	0	3	2	0	2	7	3	6	6	7	9	4
13	4	4	3	4	5	0	2	0	3	0	3	7	3
14	14	15	8	8	4	0	2	3	3	4	3	4	3
15	1	4	5	7	7	7	1	5	9	7	5	4	6
16	2	1	2	6	4	6	5	3	12	9	5	7	5
17	6	5	2	4	3	4	4	6	10	8	14	7	6
18	10	7	4	14	8	6	9	2	7	9	11	9	8
19	16	12	4	5	8	4	****	2	0	4	1	3	5
20	0	4	0	3	4	1	4	1	5	2	7	4	3
21	3	4	2	0	2	2	5	2	4	0	4	2	3
22	2	0	1	0	1	0	0	1	3	2	4	3	1
23	2	1	1	4	2	3	0	1	3	3	4	4	2
24	3	8	7	5	2	0	4	3	2	5	5	4	4
25	2	3	2	0	3	2	3	3	4	0	3	2	2
26	2	1	4	1	1	2	1	****	3	8	6	5	3
27	2	2	1	2	4	2	3	3	3	1	2	4	2
28	4	7	6	4	4	4	3	3	2	3	0	4	4
29	1	2	1	3	4	5	4	6	2	2	3	2	3
30	0	0	3	0	2	0	0	3	2	0	4	3	1
MEAN	3	3	3	3	3	2	3	2	4	3	4	4	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	3	1	3	1	2	0	0	0	4	3	2
2	2	0	2	2	5	2	0	0	0	4	2	0	2
3	0	1	2	2	0	2	2	2	0	1	1	4	1
4	2	2	3	4	3	1	0	3	5	10	12	2	4
5	4	7	5	6	4	4	2	0	5	5	1	2	4
6	3	3	2	5	10	5	2	3	12	10	7	10	6
7	7	3	10	2	7	4	2	8	11	6	5	8	6
8	2	2	5	4	7	4	4	6	4	10	3	2	4
9	1	3	3	15	12	6	8	8	10	13	15	10	9
10	6	3	6	5	7	2	8	2	7	5	6	3	5
11	3	14	6	2	2	0	3	0	2	3	0	1	3
12	3	0	3	2	10	1	2	2	7	2	2	4	3
13	2	6	2	2	2	2	****	0	5	0	0	3	2
14	0	3	0	3	4	7	0	3	1	7	0	0	2
15	2	7	2	4	5	1	2	0	0	4	4	3	3
16	5	2	0	2	3	4	2	1	3	4	2	2	3
17	0	0	0	2	2	2	2	2	2	4	0	3	1
18	3	2	2	2	2	0	5	0	3	2	5	4	3
19	1	0	3	0	3	4	2	2	2	7	0	6	3
20	3	4	5	0	4	5	11	13	11	12	6	9	7
21	8	4	5	8	7	3	6	4	3	0	2	0	4
22	3	5	0	0	3	0	0	2	2	0	3	2	2
23	3	2	0	2	3	3	3	3	2	7	5	11	4
24	4	9	5	6	2	2	0	2	0	3	2	0	3
25	2	0	2	0	0	0	0	0	3	4	2	0	1
26	1	2	0	2	3	1	2	0	2	3	0	5	2
27	0	2	0	2	2	0	3	0	6	0	0	1	1
28	3	2	2	2	3	6	4	6	5	2	4	4	3
29	11	5	2	2	3	2	1	1	0	2	0	3	3
30	1	4	0	2	4	1	3	2	5	0	1	0	2
31	2	4	0	4	1	0	3	2	4	11	10	8	4
MEAN	3	3	3	3	4	2	3	3	4	5	3	4	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - MEMORIAL PK,CORNWALL

NO 56051

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	14	4	12	21
FEB	21	3	9	26
MAR	31	3	10	22
APR	30	2	6	19
MAY	31	2	3	11
JUN	21	2	3	8
JUL	24	2	4	9
AUG	30	2	4	9
SEP	22	2	4	21
OCT	31	3	11	23
NOV	30	3	8	19
DEC	31	3	9	15
YEAR	316	3	12	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - MEMORIAL PK,CORNWALL

NO 56051

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	110	41	12	1	1	0	0	165
FEB	173	66	5	0	1	0	0	245
MAR	274	72	10	3	4	0	0	363
APR	303	39	3	1	0	0	0	346
MAY	334	20	1	0	0	0	0	355
JUN	209	24	0	0	0	0	0	233
JUL	243	24	0	0	0	0	0	267
AUG	304	45	0	0	0	0	0	349
SEP	231	26	1	0	1	0	0	259
OCT	304	49	8	5	1	0	0	367
NOV	277	68	8	2	0	0	0	355
DEC	279	77	15	0	0	0	0	371
YEAR	3041	551	63	12	8	0	0	3675

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
83	0	0.3	0.9	1.6	2.6	5.1	7.1	10.4	12.8	26	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1111 VICTORIA AVE THUNDER BAY NO 63015

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13	****	****	****	****	****	****	****	****	0	3	3	11	****
14	0	5	2	2	3	2	0	4	2	0	3	13	4
15	9	9	9	11	3	5	3	2	2	0	2	13	6
16	2	6	7	9	7	3	2	5	3	5	5	8	5
17	2	3	3	0	0	0	2	0	2	5	7	8	3
18	14	7	4	3	0	4	0	7	2	2	2	2	4
19	7	0	2	9	2	5	7	3	7	9	11	6	6
20	6	2	5	4	0	3	0	0	3	0	2	4	2
21	0	0	3	4	0	0	3	0	3	0	2	3	2
22	4	2	2	3	2	0	0	2	0	4	3	5	2
23	2	2	2	3	0	2	2	3	0	2	0	3	2
24	2	0	0	2	2	0	0	2	0	0	3	0	1
25	5	0	3	0	0	0	0	2	0	2	2	0	1
26	0	0	2	0	2	2	4	3	0	5	2	8	2
27	7	1	3	3	1	2	3	3	0	5	1	2	3
28	2	1	0	3	0	3	2	0	0	1	2	0	1
29	0	2	0	3	0	3	5	2	0	2	0	6	2
30	1	2	3	5	6	3	4	0	3	2	3	0	3
MEAN	4	3	3	4	2	2	2	2	2	3	4	5	3

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1111 VICTORIA AVE THUNDER BAY NO 63015

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	5	4	2	2	0	3	0	0	1	2
2	3	2	0	0	0	5	0	0	2	0	3	9	2
3	2	2	2	5	2	5	3	2	2	2	7	5	3
4	2	7	2	5	0	2	2	3	3	7	2	6	3
5	3	3	7	5	9	3	0	2	2	5	13	6	5
6	5	2	2	4	0	5	2	2	0	1	5	7	3
7	5	3	1	7	3	0	2	3	0	3	2	4	3
8	0	3	0	0	1	0	3	3	0	9	7	7	2
9	2	2	2	0	5	0	2	0	0	7	2	5	2
10	2	2	5	9	3	5	0	2	2	6	0	0	3
11	1	2	2	0	0	3	0	2	0	2	0	0	1
12	1	2	0	2	3	0	0	0	4	3	2	2	1
13	2	0	0	0	0	0	2	0	2	0	0	3	1
14	4	3	2	9	3	9	****	4	1	2	5	6	4
15	8	5	2	5	3	3	3	2	1	2	3	0	3
16	3	0	2	0	2	0	0	3	2	0	0	0	1
17	0	4	3	2	7	4	6	3	3	3	0	2	3
18	2	1	0	3	****	2	3	6	2	0	2	3	2
19	3	2	1	2	3	0	2	0	2	4	2	2	2
20	0	2	0	3	0	0	2	2	1	0	2	0	1
21	3	1	6	2	2	****	5	2	2	2	11	7	4
22	2	3	7	1	7	1	3	0	4	4	2	3	3
23	0	4	0	4	2	2	2	2	3	0	3	3	2
24	0	0	0	4	0	2	2	0	3	3	0	3	1
25	3	3	0	0	5	0	0	2	0	5	0	3	2
26	1	0	2	0	2	1	3	7	2	4	3	3	2
27	3	2	2	3	1	5	0	3	1	5	5	3	3
28	3	0	5	2	0	4	1	3	2	0	13	0	3
29	11	5	5	3	2	2	2	2	0	2	0	2	3
30	0	4	0	2	2	0	0	1	2	2	2	5	2
31	3	3	7	5	2	2	2	2	3	0	7	6	4
MEAN	3	2	2	3	2	2	2	2	2	2	3	3	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1111 VICTORIA AVE THUNDER BAY NO 63015

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	5	0	5	2	0	1	12	0	4	2	5	3
2	2	4	1	3	3	1	3	0	2	5	7	2	3
3	2	3	3	0	2	0	0	0	3	2	4	3	2
4	7	0	0	1	5	2	2	7	2	1	9	3	3
5	1	0	3	0	4	2	2	5	3	3	0	3	2
6	2	0	3	0	4	4	2	2	2	3	7	0	2
7	0	0	0	2	***	***	1	4	2	2	3	0	1
8	3	0	0	2	0	3	0	2	2	0	0	3	1
9	2	2	2	3	2	2	2	2	0	2	2	3	2
10	0	2	2	2	4	0	2	2	3	4	2	0	2
11	3	3	2	2	2	0	6	0	9	0	7	2	3
12	3	2	3	3	3	2	2	3	4	2	2	4	3
13	3	0	2	0	2	2	0	0	3	3	0	0	1
14	5	3	3	4	0	2	0	2	1	0	4	4	2
15	3	3	2	3	0	0	3	3	2	3	2	2	2
16	2	0	3	5	3	3	3	2	2	3	2	3	3
17	2	2	2	2	2	2	2	3	5	2	4	6	3
18	3	2	2	4	2	2	0	3	2	0	2	2	2
19	5	1	0	3	3	6	6	2	0	2	0	2	3
20	3	2	0	3	0	2	0	1	2	0	2	0	1
21	3	0	2	2	1	0	2	2	2	1	0	2	1
22	0	2	0	3	3	0	0	1	3	2	2	3	2
23	3	0	3	3	3	2	1	0	0	0	2	2	2
24	3	0	3	5	2	2	0	0	2	2	1	2	2
25	0	2	3	2	0	3	0	0	2	0	3	0	1
26	3	3	2	2	3	0	2	3	1	2	2	0	2
27	2	2	0	2	0	2	3	1	2	0	5	0	2
28	2	0	2	0	0	5	0	2	0	0	2	3	1
29	1	0	2	3	2	4	2	0	0	2	3	1	2
30	4	0	2	1	0	0	2	3	0	2	2	3	2
MEAN	3	1	2	3	2	2	2	2	2	2	3	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1111 VICTORIA AVE THUNDER BAY NO 63015

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	1	0	0	0	0	0	2	2	0	1
2	1	0	1	0	2	1	0	2	1	1	0	2	1
3	5	0	0	3	0	0	2	2	0	2	3	0	1
4	3	1	2	0	2	0	3	3	0	3	2	1	2
5	2	0	2	0	0	0	2	0	2	0	3	2	1
6	0	2	0	1	0	2	0	2	0	0	2	0	1
7	0	1	0	0	0	0	2	0	2	0	2	2	1
8	2	0	0	2	1	0	2	0	2	0	2	2	1
9	0	2	0	1	2	0	0	1	0	2	0	2	1
10	3	2	0	0	3	0	3	0	3	0	3	3	2
11	2	0	2	2	2	0	2	0	1	2	2	2	1
12	0	1	0	2	0	2	0	1	4	1	0	4	1
13	2	0	2	0	2	0	2	0	0	0	0	3	1
14	0	2	0	3	1	2	0	2	0	3	0	2	1
15	0	2	1	2	0	2	0	0	0	2	2	2	1
16	0	2	0	2	***	***	***	***	***	***	***	***	***
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	1	1	1	1	1	1	1	1	1	1	2	2	1

PERCENTAGE OF DATA VALID - 49

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1111 VICTORIA AVE THUNDER BAY NO 63015

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2							- DATA MISSING -							
3							- DATA MISSING -							
4							- DATA MISSING -							
5							- DATA MISSING -							
6							- DATA MISSING -							
7							- DATA MISSING -							
8							- DATA MISSING -							
9							- DATA MISSING -							
10	****	****	****	****	****	5	- DATA MISSING -	0	0	1	3	0	2	****
11	2	0	2	0	2	0	0	2	3	0	2	0	0	1
12	3	3	0	2	2	2	0	3	0	0	0	2	0	1
13	2	0	2	0	2	2	0	0	2	0	0	0	0	1
14	2	0	0	2	3	0	0	0	2	0	0	0	2	1
15	2	5	0	2	2	0	0	0	1	2	0	0	0	1
16	0	0	2	2	0	3	0	0	2	0	4	0	0	1
17	0	2	1	0	0	2	0	0	2	0	3	0	0	1
18	0	5	0	0	2	2	2	0	0	0	0	3	1	1
19	2	3	0	2	0	2	0	3	0	5	0	0	1	1
20	0	0	0	2	2	2	0	3	0	0	2	4	2	1
21	0	2	0	2	0	0	3	0	0	2	0	5	1	1
22	2	2	3	0	5	1	0	0	0	0	2	3	2	2
23	3	0	3	0	3	0	0	0	0	2	0	2	1	1
24	3	0	0	2	3	****	0	0	3	0	0	4	1	1
25	0	2	3	2	0	5	2	0	2	0	0	2	2	2
26	5	1	3	2	2	3	0	2	2	1	3	2	2	2
27	2	2	1	0	2	0	2	2	0	5	2	0	2	2
28	1	0	0	5	2	2	2	2	0	5	0	0	2	2
29	2	0	0	0	0	0	3	0	1	0	7	2	1	1
30	2	0	2	2	1	2	2	0	3	0	3	0	0	1
MEAN	2	1	1	1	2	2	1	1	1	1	1	2	1	1

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - 1111 VICTORIA AVE THUNDER BAY NO 63015

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR	18	3	6	14
MAY	31	2	5	13
JUN	30	2	3	12
JUL	16	1	2	5
AUG		DATA MISSING		
SEP	21	1	2	7
YEAR	116	2	6	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 1111 VICTORIA AVE THUNDER BAY NO 63015

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR	163	39	6	0	0	0	0	208
MAY	305	60	4	0	0	0	0	369
JUN	332	25	1	0	0	0	0	358
JUL	183	1	0	0	0	0	0	184
AUG		DATA MISSING						
SEP	234	12	0	0	0	0	0	246
YEAR	1217	137	11	0	0	0	0	1365

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
74	0	0.3	0.8	1.4	2.1	4.2	5.5	7.4	8.8	14		2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	3	2	0	2	1	1	4	3	0	3	0	2
2	0	0	2	5	4	1	2	5	8	6	5	2	3
3	4	2	2	3	5	4	3	2	7	3	6	2	4
4	1	2	2	0	2	0	2	2	4	3	8	7	3
5	13	3	4	7	2	2	7	5	10	0	2	6	5
6	5	4	7	2	3	2	1	2	2	4	2	2	3
7	0	9	4	6	0	10	4	4	7	6	9	2	5
8	8	5	4	4	5	3	4	11	6	8	4	4	5
9	2	0	6	5	5	6	4	1	6	2	4	8	5
10	5	10	9	9	14	6	0	9	6	11	3	8	8
11	3	1	4	3	1	5	2	0	5	4	3	1	3
12	2	4	2	3	1	4	3	7	9	9	3	6	5
13	1	5	0	7	7	2	0	3	2	6	2	0	3
14	3	2	2	2	3	3	5	6	3	0	1	0	3
15	2	2	2	1	4	2	0	6	6	1	5	7	3
16	2	3	2	4	6	2	3	5	7	9	6	8	5
17	3	4	10	5	9	5	3	2	3	6	2	2	5
18	3	2	2	3	3	0	3	2	****	****	****	****	2
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22	****	****	****	****	****	****	0	3	2	3	8	4	****
23	0	3	5	1	0	8	0	5	3	5	2	6	3
24	3	9	5	8	0	7	2	5	3	2	5	0	4
25	7	5	7	7	0	3	3	4	3	0	0	0	3
26	3	2	2	3	3	0	6	0	5	0	2	2	3
27	4	1	5	1	0	5	0	9	5	5	4	2	3
28	2	2	2	7	3	7	0	13	9	3	1	2	4
29	2	2	1	9	2	5	2	4	2	3	0	0	3
30	0	2	5	2	0	0	5	6	5	0	0	3	2
31	2	0	3	3	2	3	2	3	0	2	5	3	2
MEAN	3	3	4	4	3	4	2	5	5	4	4	3	4

PERCENTAGE OF DATA VALID - 87

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	5	3	3	2	0	3	7	3	7	4	3	3
2	5	6	13	13	2	0	2	7	11	13	12	3	7
3	6	6	3	0	4	2	3	4	7	7	3	3	4
4	3	4	3	5	3	5	3	4	5	3	4	9	4
5	2	3	3	2	2	8	0	10	2	2	0	3	3
6	9	0	0	3	0	2	0	3	2	10	4	13	4
7	13	6	15	3	9	5	0	5	2	7	8	15	7
8							- DATA MISSING -						
9							- DATA MISSING -						
10	9	****	****	****	****	****	****	7	11	9	3	9	****
11	5	0	3	5	3	0	5	6	3	9	5	2	4
12	0	2	2	0	5	2	1	3	5	0	2	0	2
13	2	1	3	3	3	0	2	0	4	4	3	11	3
14	14	9	5	7	4	3	0	4	5	2	3	5	3
15	6	4	2	7	3	3	3	2	5	2	13	13	5
16	13	10	2	9	1	2	5	0	2	0	0	3	4
17	3	2	5	3	7	3	0	5	3	7	5	5	4
18	11	9	2	3	2	5	0	3	0	2	3	0	3
19	5	2	4	2	0	1	0	3	7	3	3	2	2
20	3	2	1	0	0	4	2	0	2	3	0	0	2
21	3	0	5	1	3	0	2	5	2	****	5	17	4
22	7	7	3	5	0	4	****	****	****	****	****	****	****
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26	****	****	****	****	****	****	2	11	2	6	3	5	****
27	5	3	2	2	0	2	2	0	5	2	3	3	2
28	0	2	3	2	0	6	6	9	5	2	5	5	4
MEAN	6	4	4	4	3	3	2	4	4	5	4	6	4

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

MONTH MAR 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	11	6	6	7	0	13	0	9	5	3	0	5
2	5	6	3	5	2	3	2	2	0	2	3	1	3
3	3	3	3	3	0	2	0	0	2	0	2	5	2
4	7	13	3	11	6	3	8	0	0	5	7	13	6
5	7	7	3	7	2	3	0	0	0	6	0	5	3
6	3	2	0	3	5	2	2	0	7	0	2	6	3
7	0	0	0	0	0	0	2	0	0	3	0	0	1
8	0	0	3	3	0	3	0	3	4	3	2	5	2
9	2	5	0	0	7	5	1	5	3	3	7	9	4
10	2	0	0	7	0	3	3	7	9	2	9	3	4
11	9	8	6	7	0	0	2	0	2	5	7	3	4
12	7	3	0	5	3	0	0	2	5	3	5	0	3
13	5	3	2	5	3	4	4	2	3	5	2	3	3
14	2	3	4	5	5	3	2	2	4	3	4	0	2
15	7	2	0	0	2	2	3	2	2	0	0	0	
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	4	4	2	4	3	2	3	2	3	3	4	4	3

PERCENTAGE OF DATA VALID - 48

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

MONTH MAY 71

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26	****	****	****	****	****	0	3	2	0	5	5	0	****
27	0	0	3	0	0	0	0	3	2	3	9	5	2
28	9	11	10	7	0	11	5	4	0	6	13	9	7
29	11	5	6	1	5	3	3	6	2	0	5	6	4
30	6	0	4	6	9	0	1	2	1	0	2	0	3
31	2	0	3	0	0	1	0	0	2	3	3	9	2
MEAN	6	3	5	3	3	3	2	3	1	3	6	5	3

PERCENTAGE OF DATA VALID - 18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	5	7	8	0	2	0	3	0	1	2	3	3
2	1	1	3	5	2	2	0	3	0	1	2	4	2
3	2	2	3	5	2	3	6	14	9	7	7	23	7
4	9	6	4	9	7	14	0	5	2	3	14	3	6
5	0	0	2	0	2	0	2	0	0	0	0	0	1
6	3	2	0	5	2	0	2	0	3	0	2	7	2
7	5	5	7	7	7	4	3	4	3	0	5	3	4
8	0	2	0	4	2	3	0	3	2	1	2	5	2
9	2	7	14	8	0	2	0	0	3	3	9	11	5
10	1	2	0	2	3	0	5	0	3	0	2	2	2
11	0	2	0	2	8	2	5	8	5	1	3	3	3
12	3	2	5	6	7	9	7	5	3	2	11	11	6
13	13	3	6	0	3	3	4	2	8	7	3	0	4
14	3	7	5	3	5	3	2	0	0	0	0	0	2
15	9	4	3	5	7	2	7	4	2	7	11	7	6
16	13	8	17	13	5	5	5	3	3	7	3	7	7
17	3	1	2	3	0	5	7	3	3	2	2	4	3
18	2	2	0	4	0	9	2	2	0	0	6	7	3
19	4	0	2	7	3	2	3	0	3	2	5	8	3
20	4	5	2	2	5	5	5	3	4	4	7	1	4
21	3	9	3	1	0	2	5	0	0	0	3	3	2
22	3	8	2	2	2	2	0	5	0	2	0	4	2
23	0	2	3	0	7	14	3	7	2	3	3	5	4
24	2	3	0	9	6	2	0	2	0	5	3	3	3
25	3	8	7	0	9	5	5	2	1	2	5	5	4
26	2	0	3	0	0	0	0	3	0	0	0	1	1
27	2	0	0	2	0	2	5	0	5	2	0	2	2
28	0	4	7	5	11	0	3	2	0	6	0	3	3
29	0	2	5	2	3	9	3	5	0	3	0	0	3
30	0	2	5	2	3	9	3	5	0	3	0	0	3
MEAN	3	3	4	4	4	4	3	3	2	2	4	5	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	0	0	2	0	0	0	0	0	5	1
2	0	0	2	3	2	2	4	2	5	2	5	7	3
3	9	3	3	2	2	5	6	1	3	2	5	5	4
4	0	2	0	0	0	5	0	3	0	0	0	2	1
5	2	0	0	2	2	0	0	0	3	0	0	2	3
6	7	2	6	7	7	3	2	2	6	4	3	7	5
7	3	7	6	7	7	3	2	2	3	2	4	7	4
8	0	3	0	3	8	9	9	2	3	2	4	7	4
9	6	7	0	3	0	3	0	2	0	0	0	5	2
10	6	3	0	2	1	0	0	2	0	0	0	5	2
11	1	0	2	0	0	2	2	2	2	2	1	3	1
12	3	5	3	3	4	7	1	7	0	3	1	3	3
13	3	0	2	3	5	0	2	3	2	3	0	0	2
14	5	0	0	2	3	0	2	0	0	0	3	2	1
15	2	3	0	2	0	***	***	6	0	5	2	2	2
16	0	7	0	2	2	0	0	2	0	2	0	1	2
17	1	2	2	4	0	1	0	2	0	1	1	5	2
18	0	3	7	2	4	3	3	2	0	0	3	3	3
19	2	2	0	2	5	0	3	2	2	0	1	2	2
20	2	2	2	2	3	2	2	2	0	2	3	2	2
21	2	5	0	0	2	0	0	2	3	2	0	3	2
22	2	2	0	0	2	4	0	4	3	1	7	2	2
23	4	4	3	2	0	6	3	2	5	2	7	3	3
24	5	5	2	3	5	0	3	0	0	4	5	0	3
25	4	0	10	0	3	4	0	2	2	3	2	3	3
26	2	0	3	0	2	7	0	6	1	3	5	2	2
27	2	0	1	2	5	7	5	2	5	4	0	2	3
28	3	0	0	0	3	0	2	4	3	0	0	7	2
29	3	4	6	2	0	3	2	2	0	2	0	2	2
30	3	2	0	5	0	0	2	0	0	1	0	4	1
31	3	2	0	2	0	5	0	3	0	0	3	2	2
MEAN	3	2	2	2	2	3	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	2	3	0	2	0	1	2	1	2	0	0	2
2	5	1	0	0	2	5	0	3	3	0	0	0	2
3	5	2	0	2	2	2	2	0	2	0	2	2	2
4	2	3	5	5	7	4	7	2	3	2	2	2	4
5	0	4	2	5	3	5	0	2	2	2	0	2	2
6	5	2	3	2	3	7	2	3	2	2	3	5	3
7	4	0	1	2	0	3	0	2	0	4	0	2	2
8	3	0	2	0	2	3	0	5	1	3	3	0	2
9	1	2	5	2	2	7	2	5	5	3	2	5	3
10	2	0	2	7	9	2	3	****	****	3	0	2	3
11	0	3	0	3	2	2	2	0	0	3	5	1	2
12	2	2	0	0	0	3	4	0	5	2	7	0	2
13	3	0	0	2	0	0	5	0	6	2	3	0	2
14	2	2	1	2	3	0	3	3	3	3	4	2	2
15	0	2	3	0	0	0	0	2	0	3	3	0	1
16	3	0	4	2	5	2	3	2	0	3	2	2	2
17	2	0	2	2	2	0	0	4	2	3	0	3	2
18	3	3	0	4	0	2	5	3	2	3	1	3	2
19	2	2	5	2	7	5	7	2	5	3	2	2	4
20	3	2	5	3	2	0	3	0	2	0	3	3	2
21	4	0	2	6	1	0	2	0	2	2	3	3	2
22	0	3	0	2	2	2	0	0	1	5	1	0	1
23	5	0	2	3	0	2	0	2	0	3	2	2	2
24	0	0	3	0	0	4	2	2	2	0	2	0	2
25	3	0	3	2	3	0	1	2	1	4	2	0	2
26	5	0	3	0	2	0	1	0	4	2	5	0	2
27	5	2	2	5	2	3	2	0	2	2	3	3	2
28	5	2	3	4	2	1	2	2	2	5	7	5	3
29	3	3	5	1	2	2	2	2	0	3	3	0	2
30	2	3	1	5	3	0	2	2	3	2	1	0	2
31	2	1	2	0	3	0	3	0	2	5	0	0	2
MEAN	3	1	2	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	2	0	3	0	3	0	2	0	2	2	1
2	3	2	6	0	3	2	3	5	0	2	2	2	3
3	2	3	3	7	2	3	****	3	0	3	4	6	3
4	2	2	0	3	0	5	0	0	0	2	2	2	2
5	0	2	2	2	2	1	0	2	2	7	0	5	2
6	2	0	0	2	0	0	2	0	4	0	2	2	1
7	2	0	2	5	2	3	0	2	2	0	1	2	2
8	0	3	2	0	3	2	0	0	0	1	5	11	2
9	5	5	3	1	0	3	5	3	0	3	0	2	3
10	0	2	3	2	3	0	2	3	2	3	3	0	2
11	1	5	0	2	0	3	0	1	0	3	2	2	2
12	1	0	1	1	2	0	3	3	2	3	0	0	1
13	3	0	5	0	2	0	4	0	5	3	0	5	2
14	0	3	10	2	0	0	3	5	5	5	0	0	3
15	6	4	9	2	0	3	1	2	2	7	3	2	3
16	4	5	8	2	0	0	0	2	3	3	0	3	3
17	2	3	2	0	0	2	0	2	0	5	9	2	2
18	8	5	8	0	2	3	1	2	3	5	5	3	4
19	2	3	6	1	0	2	0	3	0	3	0	3	2
20	0	0	2	2	0	0	0	2	2	3	11	6	2
21	0	3	6	****	****	****	****	4	0	5	3	0	3
22	3	2	8	9	21	2	3	2	3	3	7	3	6
23	2	0	3	7	7	2	2	0	5	3	6	0	3
24	9	5	8	2	5	3	0	0	3	2	9	7	4
25	5	0	1	0	2	0	2	5	4	1	7	4	2
26	0	7	2	0	0	0	3	2	0	3	0	4	2
27	0	0	0	3	2	0	2	0	3	5	0	3	2
28	0	0	0	2	0	3	2	0	5	2	1	2	1
29	4	1	7	0	0	3	2	2	2	3	5	5	2
30	2	4	1	4	3	3	3	3	0	2	2	2	2
MEAN	2	2	4	2	2	2	2	2	2	3	3	3	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	2	5	3	2	3	0	5	7	2	5	3
2	5	4	6	3	7	3	3	5	2	0	2	2	4
3	2	3	2	1	0	2	0	3	2	5	2	7	2
4	3	1	4	5	7	0	0	2	0	5	5	12	4
5	0	3	0	5	5	6	2	0	4	3	7	2	3
6	2	2	2	2	1	0	0	3	0	2	2	5	2
7	0	4	2	0	2	2	2	0	3	2	5	6	2
8	7	1	2	2	5	0	2	2	0	3	2	0	2
9	3	3	0	3	0	2	5	0	3	4	5	5	3
10	4	7	2	3	4	7	3	3	3	5	3	4	4
11	4	2	3	2	0	0	2	2	4	0	7	2	2
12	2	2	0	0	5	0	2	2	0	3	3	2	2
13	0	3	0	2	2	1	2	6	6	3	12	4	3
14	3	2	3	2	5	3	6	6	3	3	2	3	3
15	5	4	9	3	5	3	15	3	6	3	3	2	5
16	9	2	2	3	2	0	5	0	1	2	3	0	2
17	0	1	0	2	0	0	0	2	3	2	2	5	2
18	2	5	2	7	5	0	7	3	7	6	2	3	4
19	5	2	6	3	5	3	3	5	3	3	3	3	4
20	3	3	3	2	7	2	3	4	7	7	3	8	4
21	5	6	4	7	2	5	2	7	6	4	5	5	5
22	3	6	1	7	9	2	9	13	2	3	0	0	5
23	2	0	2	2	3	1	2	2	0	3	5	0	2
24	6	0	3	0	3	2	0	2	0	5	1	5	2
25	3	2	4	2	5	0	3	3	5	2	2	2	3
26	2	0	0	2	0	0	5	5	0	5	6	2	2
27	4	4	3	3	3	4	0	6	2	3	2	1	3
28	2	2	4	3	2	2	3	6	2	4	8	7	4
29	7	5	6	2	2	3	3	3	3	4	2	1	3
30	2	0	0	2	1	1	2	2	1	0	1	1	1
31	3	1	1	0	0	2	2	2	2	1	4	6	2
MEAN	3	3	3	3	3	2	3	3	3	3	4	4	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	4	5	10	2	1	0	2	2	0	2	0	3
2	2	1	0	3	5	9	5	2	4	1	2	3	3
3	2	1	0	2	1	2	2	2	0	2	2	2	2
4	2	1	2	2	2	0	2	1	7	3	2	0	2
5	1	0	1	2	2	2	2	5	1	0	2	4	2
6	1	3	4	1	1	1	2	2	2	2	1	4	2
7	0	6	2	1	3	0	2	3	3	0	0	0	2
8	0	0	3	4	2	2	2	3	1	1	0	2	2
9	2	2	1	5	4	2	4	4	4	4	7	7	4
10	****	****	****	****	****	****	****	2	2	0	1	4	****
11	4	5	6	3	3	4	0	0	2	1	3	6	3
12	7	2	3	5	4	4	5	2	5	2	2	0	3
13	0	2	2	1	1	2	0	2	1	2	1	0	1
14	2	2	2	1	4	2	2	3	1	1	2	2	2
15	0	2	2	2	4	6	2	3	0	5	2	2	3
16	2	3	2	2	6	5	3	3	2	0	2	2	3
17	3	2	2	0	3	2	0	2	3	3	2	3	2
18	3	2	2	2	5	0	3	2	2	2	2	3	3
19	2	3	2	4	0	2	5	2	2	5	2	3	2
20	0	3	3	2	0	2	0	2	0	3	1	2	2
21	0	2	0	0	0	2	0	0	2	0	0	2	1
22	0	2	0	0	2	2	2	0	2	2	5	2	2
23	2	1	2	2	0	0	3	0	2	0	3	0	1
24	1	0	0	1	3	0	2	0	1	0	2	0	1
25	2	0	0	5	0	5	2	0	3	0	2	4	2
26	5	5	0	****	****	****	****	****	****	****	****	****	****
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	2	2	2	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28	****	****	****	****	****	****	****	0	2	2	0	2	****
29	3	0	2	2	3	2	0	0	2	0	2	0	1
30	3	1	0	0	0	0	0	0	2	2	0	3	1
31	0	1	2	0	1	3	3	1	2	0	1	2	1
MEAN	2	1	1	1	1	2	1	0	2	1	1	2	1

PERCENTAGE OF DATA VALID - 11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	4	8	14
FEB	23	4	7	17
MAR	15	3	6	13
APR	DATA MISSING			
MAY	6	3	7	13
JUN	30	3	7	23
JUL	31	2	5	10
AUG	31	2	4	9
SEP	30	2	6	21
OCT	31	3	5	15
NOV	26	2	4	10
DEC	4	1	1	3
YEAR	255	3	8	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	218	103	5	0	0	0	0	326
FEB	165	75	17	1	0	0	0	258
MAR	126	49	5	0	0	0	0	180
APR	DATA MISSING							
MAY	43	20	4	0	0	0	0	67
JUN	252	93	13	1	1	0	0	360
JUL	309	61	0	0	0	0	0	370
AUG	321	49	0	0	0	0	0	370
SEP	297	55	2	0	1	0	0	355
OCT	279	85	4	0	0	0	0	368
NOV	266	29	0	0	0	0	0	295
DEC	41	0	0	0	0	0	0	41
YEAR	2317	619	50	2	2	0	0	2990

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
74	0	0.4	1.1	1.8	2.9	5.9	7.2	9.5	12.1	23	2.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	4	3	2	4	6	7	9	16	13	10	5	7
2	2	2	1	5	5	5	7	7	3	9	8	9	5
3	4	2	7	4	13	3	5	6	2	2	3	0	4
4	2	0	2	3	2	4	2	7	2	3	2	0	2
5	2	0	2	2	5	2	2	2	2	7	7	5	3
6	7	2	7	7	2	3	3	15	3	2	3	5	5
7	0	5	3	2	3	3	0	5	5	9	10	11	5
8	6	5	7	13	5	13	7	12	5	7	1	3	7
9	3	2	5	5	7	7	5	14	5	2	2	6	5
10	3	2	2	3	2	9	5	6	3	6	3	4	4
11	10	7	3	2	4	5	3	9	2	3	0	2	4
12	2	3	2	17	5	7	13	7	4	17	11	7	8
13	5	5	11	11	7	3	5	9	2	0	2	5	5
14	2	3	2	3	5	5	5	14	15	11	12	3	7
15							- DATA MISSING	-					
16							- DATA MISSING	-					
17							- DATA MISSING	-					
18	****	****	****	****	****	7	5	2	1	2	0	0	****
19	2	1	2	1	0	1	1	2	4	2	1	1	2
20	7	8	2	5	6	4	2	13	23	16	5	7	8
21	4	3	6	4	0	8	4	6	2	2	2	2	4
22	2	1	2	1	0	5	7	4	9	5	6	2	4
23	4	4	2	0	2	3	3	3	7	7	3	3	3
24	4	1	4	5	4	9	4	5	2	3	6	3	4
25	2	1	0	13	7	6	12	7	5	2	1	5	5
26	4	2	4	7	0	2	2	2	3	4	2	0	3
27	4	0	3	0	3	1	2	2	2	7	6	3	3
28	2	7	6	3	5	5	2	4	4	9	3	3	5
29	3	2	8	13	8	7	4	8	16	4	4	3	7
30	5	3	1	5	3	2	2	7	6	5	7	9	5
31	3	3	3	5	2	1	5	0	3	2	4	6	3
MEAN	4	3	4	5	4	5	4	7	6	6	5	4	5

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	6	10	6	11	9	3	5	3	2	12	6
2	3	6	5	****	8	10	5	10	22	9	12	9	9
3	1	2	1	0	6	3	4	10	9	7	4	2	4
4	2	0	0	0	****	****	5	13	0	7	5	5	4
5	3	4	2	3	4	5	3	4	5	2	2	7	4
6	2	5	0	7	5	0	2	7	2	3	7	10	9
7	9	8	3	9	5	6	2	5	3	7	10	9	6
8	2	2	4	3	5	3	0	3	4	0	2	0	2
9	0	0	0	0	0	2	2	3	4	13	5	5	3
10	2	2	0	7	3	0	4	5	3	13	11	8	5
11	3	6	2	7	5	10	7	13	9	12	6	7	7
12	9	7	5	1	3	5	0	5	3	3	0	0	3
13	2	2	0	2	0	2	3	2	2	2	2	3	2
14	2	0	0	0	3	2	2	0	2	5	9	3	2
15	3	2	7	6	2	3	4	6	4	5	5	6	4
16	2	2	0	2	5	6	1	7	13	9	14	11	6
17	3	0	3	0	2	5	3	11	12	5	9	4	5
18	2	4	9	19	0	3	2	2	0	3	0	2	4
19	2	0	4	2	1	3	2	1	3	2	3	5	2
20	2	1	3	2	2	2	3	2	3	4	3	3	3
21	3	0	2	2	4	5	2	0	5	3	3	5	3
22	7	5	5	7	5	2	2	2	7	0	3	0	4
23	1	0	0	0	0	3	2	1	4	0	3	2	1
24	1	0	2	5	3	13	4	3	7	4	5	0	4
25	3	1	1	3	0	2	5	2	7	5	13	16	5
26	9	4	5	20	3	5	2	11	9	3	5	11	7
27	0	3	3	5	3	3	2	3	0	2	3	0	2
28	3	2	2	0	3	0	7	2	2	0	2	4	2
MEAN	3	3	3	5	3	4	3	5	5	5	5	5	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	5	3	3	4	4	3	5	6	0	2	3
2	0	1	9	9	12	0	0	6	3	5	3	0	4
3	3	2	2	5	3	5	2	0	3	1	4	1	3
4	2	0	1	****	****	0	0	1	0	2	0	2	1
5	2	2	2	2	5	4	3	4	6	6	18	14	6
6	16	8	5	1	5	3	2	3	2	3	0	3	4
7	1	0	2	1	4	2	2	2	1	2	1	0	2
8	3	3	0	0	2	2	2	2	2	2	2	3	2
9	1	6	0	3	5	2	2	6	4	3	4	9	4
10	8	4	4	4	6	2	3	3	2	8	7	13	5
11	9	5	2	6	13	5	4	0	0	9	10	14	6
12	11	6	2	4	10	2	1	****	****	****	****	****	****
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26	****	****	****	****	****	****	****	****	1	4	10	7	****
27	4	2	11	5	3	3	4	2	8	14	9	5	6
28	1	2	2	2	3	1	2	2	0	2	****	3	2
29	2	1	4	3	2	5	4	3	1	1	0	0	2
30	1	0	3	2	2	1	2	2	2	4	9	11	3
31	7	4	3	2	7	3	8	2	6	7	7	7	5
MEAN	4	3	3	3	5	3	3	3	3	5	5	6	4

PERCENTAGE OF DATA VALID - 53

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	1	1	1	3	5	8	8	7	2	5	4
2	3	2	1	1	2	3	2	2	7	3	3	4	3
3	5	2	2	2	5	2	3	2	5	2	4	1	3
4	2	1	1	1	2	2	2	1	2	2	2	2	2
5	2	1	3	1	1	1	3	2	3	3	2	5	2
6	4	11	2	6	7	2	1	2	2	2	2	8	4
7	3	2	7	2	1	1	2	1	2	2	1	2	2
8	1	2	2	4	8	2	0	1	12	11	17	11	6
9	7	5	3	8	3	7	6	7	4	1	1	0	4
10	1	1	2	1	2	2	4	2	3	6	3	2	2
11	6	5	2	2	3	5	3	3	2	7	15	15	6
12	19	9	7	12	7	9	11	12	12	9	1	6	10
13	5	1	2	2	1	7	1	2	2	2	1	1	2
14	2	2	1	3	1	0	2	1	2	3	2	6	2
15	8	4	6	6	2	3	2	2	2	3	1	5	4
16	3	2	3	2	1	1	1	1	2	2	9	7	3
17	13	10	3	2	2	2	3	2	2	1	2	7	4
18	0	4	5	3	2	0	3	0	3	8	1	2	3
19	0	2	0	1	4	2	3	2	3	9	5	4	3
20	6	2	2	6	7	7	2	9	3	2	2	3	4
21	1	1	1	1	2	1	1	1	3	2	1	2	1
22	3	7	****	****	****	****	****	****	****	****	****	****	****
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26	****	****	****	****	****	1	1		3	2	1	2	****
27	3	2	2	7	4	2	2	0	3	2	5	3	3
28	0	1	2	1	3	2	1	2	2	3	2	1	2
29	1	1	3	3	3	2	2	1	3	2	2	1	2
30	2	2	0	1	5	2	2	2	0	2	1	2	2
MEAN	4	3	2	3	3	3	3	3	4	4	3	4	3

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	2	0	2	3	2	2	1	3	4	3	2
2	3	2	1	1	2	0	0	2	0	2	2	2	1
3	1	7	2	1	2	2	1	1	2	2	1	1	2
4	0	1	2	0	1	0	2	0	1	1	1	3	1
5	3	3	2	1	2	1	2	2	2	0	2	3	2
6	2	2	3	9	8	2	2	1	2	1	1	3	3
7	3	6	2	3	***	2	5	4	3	6	2	2	3
8	7	4	4	5	3	7	7	4	1	3	1	2	4
9	2	0	2	2	3	2	2	0	0	2	2	2	2
10	3	4	2	12	5	7	2	2	2	1	2	2	4
11	2	2	5	9	6	6	3	3	1	5	5	9	5
12	2	5	6	2	6	7	6	0	0	2	1	0	3
13	2	1	1	2	2	2	1	2	3	1	2	2	2
14	2	1	3	0	1	1	2	1	3	5	2	2	2
15	2	1	3	4	3	1	2	2	0	3	3	1	2
16	0	2	2	3	0	2	2	1	2	2	2	0	2
17	0	0	1	1	***	1	2	2	2	1	2	9	2
18	2	4	1	3	3	1	3	5	5	3	3	2	3
19	3	3	2	3	3	7	5	1	6	2	1	3	3
20	2	2	1	2	4	2	4	2	2	2	2	0	2
21	1	1	2	***	***	3	2	2	3	2	0	3	2
22	0	0	0	3	0	2	0	2	0	2	3	1	1
23	2	0	2	2	2	2	2	1	0	1	2	2	3
24	2	1	2	0	2	2	2	3	1	2	2	0	2
25	2	1	1	2	3	5	6	2	2	1	2	2	2
26	2	0	1	2	4	2	2	1	0	3	2	2	2
27	2	0	1	2	0	2	0	2	3	2	2	3	2
28	4	6	4	9	6	2	2	3	3	1	8	4	4
29	3	4	3	5	2	2	2	2	1	3	2	2	3
30	7	0	2	0	3	0	3	0	2	2	2	2	2
31	2	2	2	3	2	2	0	1	2	2	0	3	2
MEAN	2	2	2	3	3	3	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	5	2	2	5	2	3	2	2	3	1	5	3
2	6	2	2	4	5	3	4	2	2	2	2	3	3
3	1	1	0	1	2	2	0	4	4	3	2	2	2
4	1	2	2	6	***	2	2	1	2	1	1	2	2
5	1	2	2	0	2	2	2	2	2	2	2	2	2
6	4	2	1	0	4	1	2	5	0	1	2	2	2
7	2	2	2	7	2	2	0	4	2	3	1	2	2
8	0	2	0	0	2	2	1	2	1	2	2	2	1
9	1	2	2	0	2	0	0	0	2	1	0	1	1
10	3	2	1	3	3	3	2	1	2	3	4	4	3
11	3	1	3	3	5	3	1	2	3	2	3	2	3
12	2	3	0	2	1	0	0	2	0	2	3	3	2
13	3	1	3	3	2	1	3	2	2	2	6	2	2
14	1	0	0	3	2	3	2	1	0	2	3	4	2
15	2	1	2	2	4	4	3	3	0	2	1	5	2
16	2	4	2	2	6	4	3	2	3	2	2	3	3
17	0	0	2	2	4	6	0	7	5	2	2	3	3
18	2	2	2	***	2	4	3	3	2	2	5	3	3
19	0	0	2	2	2	4	6	4	5	5	4	3	3
20	4	2	2	4	3	7	2	3	1	0	2	0	3
21	1	2	2	2	0	0	3	2	2	0	2	2	2
22	2	4	2	3	5	4	0	2	2	0	1	2	2
23	2	1	0	0	1	0	3	4	1	0	2	2	1
24	2	2	0	1	2	1	3	0	1	3	4	1	2
25	1	2	0	3	4	4	2	5	9	4	4	6	4
26	5	2	0	4	3	1	2	1	2	1	1	2	2
27	0	0	2	4	2	2	1	1	1	3	3	2	2
28	0	4	2	0	4	2	2	0	6	2	3	2	2
29	2	4	2	4	1	5	1	2	3	2	1	2	2
30	6	3	2	5	2	***	***	***	***	***	***	***	***
MEAN	2	2	1	3	3	2	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6	****	****	****	****	3	0	3	2	0	0	2	1	1
7	0	3	2	5	2	2	2	2	0	3	4	2	2
8	3	3	0	2	5	5	3	5	2	2	1	0	3
9	0	3	0	2	0	2	0	4	2	3	2	0	2
10	2	0	0	3	0	3	2	2	3	2	2	2	2
11	2	2	0	0	2	0	1	2	2	1	2	0	1
12	0	4	1	3	3	0	0	2	2	0	0	2	1
13	0	0	2	2	0	****	2	0	2	0	3	2	1
14	0	2	0	0	3	2	2	2	5	0	2	2	2
15	2	3	2	5	6	5	0	4	2	0	1	2	3
16	0	0	1	0	1	2	2	0	4	0	2	1	1
17	0	2	3	0	5	5	2	2	3	3	0	3	2
18	0	2	3	3	5	5	3	3	3	3	3	4	3
19	2	0	4	5	3	3	4	3	3	3	4	4	3
20	2	3	2	6	2	2	0	3	2	0	7	3	3
21	0	2	0	7	3	3	9	2	0	5	2	0	3
22	3	2	2	2	7	7	5	5	2	0	3	2	3
23	2	5	****	2	5	2	6	6	6	3	7	2	4
24	0	2	5	0	0	3	1	5	0	0	3	2	2
25	3	2	4	3	0	3	0	2	2	2	0	3	2
26	3	3	3	3	3	3	2	3	3	0	3	0	2
27	4	0	0	2	0	3	2	6	2	0	0	2	2
28	1	2	2	4	4	5	4	5	5	2	7	2	4
29	3	0	2	2	2	0	3	0	2	3	2	0	2
30	0	0	2	3	1	0	2	5	2	5	2	4	2
31	2	1	2	3	5	3	3	5	2	2	0	4	3
MEAN	1	2	2	3	3	3	2	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	2	2	6	0	3	0	2	5	5	0	2
2	3	3	3	0	0	0	2	3	3	3	3	0	2
3	2	3	2	4	3	0	2	0	2	2	2	2	2
4	0	2	1	2	0	2	1	4	2	5	2	2	2
5	5	2	9	5	2	3	3	2	3	0	2	2	3
6	3	2	3	1	2	3	4	7	5	2	3	7	3
7	2	4	0	8	3	5	5	7	5	2	9	3	5
8	1	5	0	4	4	4	0	3	3	0	3	0	2
9	1	3	3	5	2	5	5	2	3	0	2	3	3
10	2	3	****	****	****	****	****	****	****	****	****	****	****
11	****	****	****	****	****	2	0	5	0	0	0	5	****
12	0	3	2	1	6	0	2	3	0	2	2	2	2
13	2	3	1	3	2	0	4	2	4	5	2	3	2
14	2	2	3	1	2	2	3	2	2	0	3	3	3
15	0	3	0	2	0	0	1	5	3	0	2	3	2
16	0	0	5	4	3	5	1	5	2	5	2	0	3
17	2	2	0	3	2	3	2	3	2	4	2	3	2
18	2	5	3	5	0	5	2	3	5	5	3	2	3
19	2	2	2	2	5	4	5	1	3	1	4	0	3
20	3	0	3	3	2	3	7	2	3	2	0	0	2
21	2	0	2	0	3	2	4	3	2	2	0	2	2
22	0	2	2	0	2	3	2	3	0	2	4	0	2
23	3	0	2	0	2	2	1	0	2	0	2	0	1
24	0	2	0	0	2	2	0	2	2	2	0	3	1
25	5	2	2	2	2	0	3	3	3	0	3	3	2
26	0	0	2	2	3	2	1	2	2	2	2	5	2
27	2	2	0	2	5	7	5	5	5	3	5	4	4
28	4	3	0	3	6	3	3	3	0	5	3	3	3
29	4	0	0	3	2	0	2	2	0	3	2	2	2
30	3	3	0	3	2	****	****	****	****	****	****	****	****
31							- DATA MISSING -						
MEAN	2	2	2	2	3	2	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14	****	****	****	****	****	0	5	2	2	0	2	2	****
15	2	0	3	0	5	4	4	0	2	0	5	0	2
16	2	0	2	7	7	0	3	0	4	2	3	5	3
17	5	5	5	6	3	3	2	2	3	3	5	2	4
18	4	2	0	0	2	0	0	3	3	2	2	3	2
19	2	2	0	2	0	2	0	2	2	3	2	2	2
20	0	2	0	3	4	0	3	5	4	2	0	6	2
21	2	0	0	3	3	2	2	2	3	2	3	2	2
22	5	0	0	2	0	4	3	0	3	1	0	2	2
23	3	0	0	2	0	5	2	2	3	2	0	0	2
24	3	0	3	2	2	4	3	3	2	5	0	2	2
25	0	0	3	4	0	3	2	0	1	2	0	1	2
26	3	2	3	2	0	2	2	2	1	0	3	2	2
27	1	2	2	****	3	2	1	2	4	2	4	0	2
28	3	0	7	0	4	1	5	7	7	5	5	3	4
29	3	0	2	0	3	2	2	2	2	****	****	****	2
30	****	****	****	****	****	5	2	6	3	5	3	4	****
MEAN	3	1	2	2	3	2	2	2	3	2	2	2	2

PERCENTAGE OF DATA VALID - 52

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	4	0	5	2	5	2	5	4	2	1	3
2	4	4	2	0	4	1	5	3	0	5	2	2	3
3	1	0	2	0	2	1	0	2	1	0	2	0	1
4	4	0	0	0	2	1	0	2	3	1	2	0	1
5	1	0	2	0	5	2	1	0	0	2	2	3	2
6	0	3	2	1	3	0	2	2	0	2	0	0	1
7	0	1	2	0	2	1	2	0	2	3	7	4	2
8	5	1	2	4	7	2	5	3	6	3	10	2	4
9	3	1	2	0	9	2	7	5	0	1	5	0	3
10	2	0	3	2	5	4	2	0	5	0	2	3	2
11	0	0	3	3	4	0	3	2	3	2	3	0	2
12	0	3	0	0	3	0	2	1	2	5	10	7	3
13	3	3	9	5	7	2	7	7	9	11	9	5	6
14	4	1	3	11	7	3	3	2	3	3	4	2	4
15	2	3	4	3	7	2	3	6	9	5	4	0	4
16	0	2	0	2	3	0	0	0	2	1	0	0	1
17	2	0	5	1	2	0	3	3	5	9	5	5	3
18	0	8	5	9	4	7	7	12	7	12	11	4	7
19	6	7	9	15	3	9	3	10	9	14	9	9	9
20	6	5	9	4	10	7	7	6	9	7	9	7	7
21	5	6	9	12	5	2	5	3	4	5	3	6	5
22	3	2	5	10	4	3	12	12	8	4	0	0	5
23	3	0	2	0	2	2	2	2	2	5	2	1	2
24	1	0	1	2	1	3	1	2	0	1	2	3	2
25	0	2	****	****	2	6	4	6	2	4	2	4	3
26	0	4	3	2	5	5	4	4	2	7	3	2	3
27	2	3	8	5	3	6	5	6	8	5	5	5	3
28	4	0	2	1	0	3	0	5	3	0	5	7	3
29	2	2	9	14	0	4	2	5	3	2	2	2	4
30	1	2	1	2	2	4	2	2	1	0	2	2	2
31	2	1	0	2	2	2	0	0	2	2	3	1	1
MEAN	2	2	4	4	4	3	3	4	4	4	4	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	1	4	1	1	0	3	6	6	6	1	3
2	2	2	0	2	2	1	2	1	0	0	2	3	1
3	1	1	2	0	3	1	2	2	2	2	2	0	2
4	2	1	3	2	****	4	2	3	4	3	1	3	3
5	3	1	2	****	****	4	6	6	7	7	7	5	5
6	3	3	3	6	3	0	3	3	0	2	1	3	3
7	0	1	2	1	0	5	2	0	1	2	0	2	1
8	0	1	3	3	5	3	7	2	13	13	4	1	4
9	3	1	2	2	7	5	5	7	6	2	1	2	4
10	2	2	1	0	3	2	3	3	3	1	2	2	2
11	0	1	3	3	3	6	1	6	4	4	3	4	3
12	2	3	5	7	5	15	8	7	8	7	8	5	7
13	2	1	4	0	2	1	4	4	3	****	****	****	2
14							DATA MISSING		-				
15	****	****	****	****	2	5	6	3	7	3	1	3	4
16	1	3	2	7	9	8	8	8	14	7	10	8	7
17	5	2	4	4	6	3	6	6	10	8	4	3	5
18	3	4	4	5	****	9	10	9	10	9	8	4	7
19	3	2	2	3	5	2	4	3	4	5	2	2	3
20	2	2	2	2	6	6	7	7	4	3	2	4	4
21	2	0	2	0	1	0	1	1	3	2	1	0	1
22	4	0	1	1	1	0	5	4	8	3	3	4	3
23	3	0	2	9	9	7	4	8	18	7	5	6	6
24	1	1	2	2	2	4	2	6	5	7	4	2	3
25	4	1	2	3	9	5	8	6	12	13	8	13	7
26	3	2	0	6	13	9	5	9	10	12	8	2	7
27	3	2	0	1	4	6	4	2	3	3	4	1	3
28	1	4	2	1	2	2	4	2	1	0	3	1	2
29	2	1	3	4	6	2	5	1	5	2	4	2	3
30	2	0	0	6	2	3	2	2	6	1	1	1	2
MEAN	2	2	2	3	4	4	4	4	6	5	4	3	4

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	0	4	4	****	****	****	****	****	****	****	****
2	****	****	****	****	5	5	2	3	9	2	5	3	4
3	7	0	2	2	2	0	7	7	5	7	2	4	4
4	3	5	2	2	3	5	5	5	10	3	2	5	4
5	4	0	3	0	2	1	2	2	2	3	0	4	2
6	4	2	4	2	5	5	11	9	7	5	5	3	5
7	6	5	2	5	7	8	11	5	7	5	3	0	5
8	3	2	3	4	7	5	11	10	15	6	3	9	7
9	3	3	3	8	11	7	11	10	19	11	7	7	8
10	0	3	0	5	5	2	3	2	4	3	0	5	3
11	0	2	0	2	0	2	3	0	5	2	4	2	2
12	3	2	3	4	3	3	2	2	3	2	2	0	2
13	1	0	2	0	0	2	3	4	2	3	2	5	2
14	2	2	2	6	5	7	7	4	6	3	2	3	4
15	5	0	2	3	3	2	5	5	5	3	4	4	3
16	0	3	3	2	4	2	4	4	5	3	2	4	3
17	3	2	2	2	****	9	7	9	5	3	3	3	4
18	3	3	0	2	3	0	3	9	9	7	17	3	5
19	5	0	0	2	0	3	0	5	0	3	3	4	2
20	1	3	2	3	7	5	7	5	17	13	6	9	7
21	9	6	3	5	2	2	7	2	2	0	2	0	3
22	0	1	2	3	4	1	3	9	4	14	5	4	4
23	2	0	2	3	9	7	11	12	16	7	5	5	7
24	9	5	0	3	4	4	0	2	5	3	0	2	3
25	3	2	0	0	0	4	0	4	3	2	2	1	2
26	3	4	5	3	2	1	2	2	0	2	0	2	2
27	2	1	2	2	6	6	4	4	0	2	4	4	3
28	2	5	3	2	3	3	4	3	10	13	7	3	5
29	2	2	2	3	2	4	2	5	2	0	2	1	2
30	7	0	0	2	4	2	3	3	8	3	3	2	3
31	5	0	3	10	6	3	36	11	13	5	2	3	8
MEAN	3	2	2	3	4	4	6	5	7	5	4	3	4

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - 649 CASSELLS ST NORTH BAY NO 75018

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	5	8	23
FEB	28	4	9	22
MAR	18	4	6	18
APR	27	3	10	19
MAY	31	2	5	12
JUN	30	2	4	9
JUL	26	2	4	9
AUG	30	2	5	9
SEP	17	2	4	7
OCT	31	3	9	15
NOV	29	4	7	18
DEC	31	4	8	36
YEAR	326	3	10	36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY NO 75018

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	190	115	20	5	1	0	0	331
FEB	215	96	18	3	1	0	0	333
MAR	143	46	9	2	0	0	0	200
APR	240	56	11	2	0	0	0	309
MAY	327	40	1	0	0	0	0	368
JUN	321	30	0	0	0	0	0	351
JUL	267	39	0	0	0	0	0	306
AUG	292	46	0	0	0	0	0	338
SEP	166	24	0	0	0	0	0	190
OCT	265	94	11	0	0	0	0	370
NOV	241	86	9	1	0	0	0	337
DEC	247	94	14	4	0	1	0	360
YEAR	2914	766	93	17	2	1	0	3793

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99		
86	0	0.4	1.2	1.9	3.1	6.3	8.4	11.4	13.0	36	3.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WALKERS DEPT STORE NORTH BAY NO 75019

MONTH FEB 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15	****	****	****	****	****	****	****	0	0	3	3	1	****
16	2	2	2	8	1	3	2	2	5	11	4	7	4
17	6	0	2	2	0	3	5	5	4	3	3	9	4
18	3	5	6	3	3	3	3	5	0	2	1	2	3
19	0	2	5	0	0	3	2	4	1	2	2	4	2
20	2	0	0	5	3	2	3	0	0	2	2	0	2
21	3	2	2	3	2	0	2	1	2	0	3	7	2
22	9	3	2	6	2	2	3	3	0	0	1	3	3
23	3	3	0	2	2	5	0	5	5	0	2	2	2
24	2	0	2	3	5	0	3	3	5	3	2	2	3
25	0	3	3	0	3	2	9	7	11	13	12	12	6
26	13	5	8	7	4	6	9	9	7	5	3	3	7
27	5	6	5	1	3	2	5	7	5	5	5	0	4
28	3	2	1	0	2	0	0	2	3	0	3	3	2
MEAN	4	3	3	3	2	2	3	4	3	3	3	4	3

PERCENTAGE OF DATA VALID - 47

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WALKERS DEPT STORE NORTH BAY NO 75019

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	3	3	3	0	3	4	0	2	3	2
2	0	5	5	13	5	2	0	7	2	7	3	0	4
3	1	3	2	3	0	3	2	3	3	1	4	2	2
4	0	3	0	3	****	****	2	0	2	2	2	1	2
5	1	4	2	3	3	2	2	2	2	11	17	14	5
6	9	8	6	4	5	1	2	2	3	2	2	0	5
7	0	0	2	1	3	0	2	1	2	0	0	****	1
8	2	1	1	2	2	0	0	2	2	3	6	2	2
9	3	2	3	2	2	4	0	3	0	7	3	13	4
10	6	6	5	6	3	2	1	1	0	7	8	6	4
11	9	2	9	6	2	2	1	3	3	10	8	9	5
12	7	9	5	7	3	4	2	1	3	3	1	14	5
13	9	6	4	8	12	5	0	7	6	20	9	8	8
14	16	6	4	4	7	3	2	2	7	4	5	6	6
15	2	4	0	3	3	5	2	0	1	2	1	6	2
16	0	2	0	2	2	3	1	2	3	6	5	2	2
17	2	4	3	0	2	1	0	0	0	0	0	2	1
18	5	6	2	8	0	3	2	1	3	1	8	5	4
19	5	2	4	4	5	4	2	2	2	6	7	0	4
20	2	2	0	4	0	2	4	2	0	0	1	1	2
21	0	0	2	0	5	0	2	2	2	4	2	3	2
22	2	3	3	3	4	3	2	1	2	4	2	3	3
23	1	1	0	0	0	2	2	0	1	0	1	0	1
24	0	2	1	2	1	2	2	2	0	3	3	4	2
25	4	4	8	6	5	6	2	2	2	0	2	5	4
26	4	3	1	4	2	1	2	****	0	2	1	3	2
27	0	3	5	3	2	2	1	2	2	1	4	11	3
28	2	2	0	0	4	0	2	2	2	1	1	2	2
29	2	2	3	1	1	2	1	1	1	0	1	2	1
30	2	0	0	3	2	2	0	2	2	0	5	8	2
31	2	1	0	3	1	2	1	1	2	5	5	4	2
MEAN	3	3	3	4	3	2	1	2	2	4	4	5	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WALKERS DEPT STORE NORTH BAY

NO 75019

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	1	2	1	3	4	4	3	3	5	2	3
2	3	2	2	1	0	2	2	1	0	3	2	1	2
3	3	4	6	3	2	1	2	1	2	1	2	4	3
4	2	5	4	1	0	0	1	1	2	5	0	0	2
5	1	3	1	3	1	2	0	1	1	0	2	0	1
6	1	3	4	5	3	5	2	2	1	1	0	4	2
7	0	0	1	2	1	5	2	2	0	1	7	1	3
8	2	1	2	2	2	••••	2	2	2	3	2	3	1
9	2	2	0	2	1	3	2	2	2	0	1	2	2
10	0	1	2	1	2	3	1	2	0	5	1	1	2
11	6	5	1	0	1	2	2	2	2	5	7	5	3
12	6	5	4	2	3	5	6	2	9	3	1	2	4
13	2	1	2	2	1	0	2	2	1	0	0	1	1
14	2	1	1	0	1	2	1	1	3	1	0	4	1
15	6	5	7	5	1	2	1	2	0	1	4	3	3
16	8	1	1	1	2	3	0	1	2	2	4	4	2
17	4	2	0	0	1	1	1	1	0	2	2	1	1
18	3	2	4	4	0	2	2	1	0	3	2	2	2
19	0	2	0	1	1	1	1	2	1	2	2	4	1
20	0	1	1	3	1	2	2	2	1	2	1	3	2
21	2	1	0	0	3	2	1	2	0	2	0	0	1
22	0	0	0	1	2	2	2	5	0	4	1	1	2
23	1	0	2	1	0	2	2	0	1	2	0	3	1
24	0	2	2	0	3	2	2	1	2	2	0	2	2
25	2	3	0	1	5	5	0	1	2	2	2	2	2
26	1	0	2	0	7	0	4	0	3	2	0	3	2
27	0	2	2	2	1	2	2	4	0	5	0	3	2
28	0	3	3	2	2	0	2	1	2	0	3	1	2
29	2	2	2	2	0	3	0	2	4	2	0	4	2
30	2	2	0	3	3	2	0	2	0	2	0	3	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WALKERS DEPT STORE NORTH BAY

NO 75019

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	3	2	1	2	0	2	0	3	2	2	2
2	0	0	3	0	2	0	2	0	2	0	2	0	1
3	0	0	2	0	0	3	0	1	0	2	1	0	1
4	2	2	3	0	4	0	2	0	2	0	2	5	2
5	3	0	2	3	0	0	0	3	2	3	3	0	2
6	6	4	4	3	2	2	2	0	0	4	2	7	3
7	3	3	2	3	••••	••••	2	9	2	2	0	2	3
8	4	7	2	3	4	8	2	0	0	1	0	2	3
9	0	2	4	4	0	0	2	2	0	0	2	2	2
10	1	4	3	2	1	1	0	0	2	1	3	2	2
11	0	3	2	2	3	2	2	5	2	2	4	4	3
12	1	4	2	8	2	3	0	1	0	1	2	0	2
13	1	0	1	2	1	2	0	3	3	0	3	0	1
14	4	1	2	0	1	0	0	1	2	0	0	2	1
15	0	0	3	4	2	3	3	2	4	2	2	5	3
16	2	2	4	3	2	4	0	0	0	2	1	0	2
17	1	1	0	0	2	0	0	1	0	0	3	4	1
18	4	3	1	2	3	8	2	2	2	2	2	2	3
19	0	1	0	0	1	2	10	0	0	2	0	0	1
20	0	2	0	0	3	0	1	0	0	0	2	0	1
21	2	1	1	2	0	••••	0	3	0	0	2	1	1
22	0	2	0	2	0	0	0	3	2	1	1	2	1
23	0	0	3	1	2	2	2	1	0	0	2	2	1
24	2	2	0	0	2	0	1	0	0	2	0	2	1
25	2	0	2	3	2	3	1	2	2	3	0	2	2
26	0	2	2	0	2	1	1	2	2	2	0	2	1
27	1	0	0	0	2	2	0	2	2	0	2	1	1
28	2	3	3	3	2	2	0	2	2	0	2	2	2
29	3	5	2	3	1	1	1	0	0	0	2	2	2
30	2	4	3	2	2	2	0	0	3	1	0	1	2
31	1	0	1	3	3	0	2	1	0	1	2	4	2
MEAN	2	2	2	2	2	2	1	2	1	1	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WALKERS DEPT STORE NORTH BAY NO 75019

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	2	2	0	0	2	1	2	2	0	1
2	5	5	3	3	1	2	2	3	2	1	2	4	3
3	3	2	0	2	2	1	2	1	0	2	2	2	2
4	0	1	3	0	3	0	1	3	0	2	1	2	1
5	0	0	0	2	2	2	0	0	0	0	2	2	1
6	2	3	2	2	2	0	0	3	2	0	3	5	2
7	4	4	2	2	1	1	3	0	0	3	0	2	2
8	2	0	2	3	3	2	0	2	0	1	0	3	2
9	0	4	3	2	0	0	3	2	3	0	2	0	2
10	2	2	3	0	3	0	0	2	2	2	3	5	2
11	3	3	5	3	5	0	0	3	0	2	2	3	2
12	3	3	2	4	3	2	1	3	2	0	2	0	2
13	0	3	0	3	0	3	0	3	3	3	3	6	2
14	0	2	2	2	2	2	2	2	2	1	2	2	2
15	2	1	5	0	0	2	0	0	2	2	0	2	1
16	1	0	2	3	0	2	2	0	3	2	2	2	2
17	0	0	2	2	0	2	2	2	2	0	3	2	1
18	3	3	0	1	2	****	****	****	2	2	5	2	2
19	3	2	2	0	3	2	2	3	2	5	2	0	2
20	5	2	3	3	3	3	2	1	3	2	2	5	3
21	0	2	0	2	0	5	0	0	0	3	0	2	1
22	0	2	2	2	0	2	0	2	0	2	2	0	1
23	2	2	0	0	1	2	1	2	3	0	3	2	1
24	2	0	2	0	0	0	2	0	0	2	0	0	2
25	0	3	1	2	3	3	2	0	5	2	2	3	2
26	3	3	2	3	0	2	0	2	1	0	0	3	2
27	3	0	2	0	3	2	0	0	0	0	1	0	1
28	1	0	2	0	3	2	2	0	5	2	3	0	2
29	5	2	4	1	5	0	3	0	2	3	2	2	2
30	2	3	3	2	0	2	****	****	****	****	****	****	****
MEAN	2	2	2	2	2	2	1	1	2	2	2	2	2

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - WALKERS DEPT STORE NORTH BAY NO 75019

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	14	3	7	13
MAR	31	3	8	20
APR	30	2	4	9
MAY	31	2	3	10
JUN	30	2	3	6
JUL		DATA MISSING		
YEAR	136	2	8	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - WALKERS DEPT STORE NORTH BAY NO 75019

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB	119	36	6	0	0	0	0	161
MAR	293	65	7	3	0	0	0	368
APR	331	28	0	0	0	0	0	359
MAY	357	12	0	0	0	0	0	369
JUN	334	17	0	0	0	0	0	351
JUL		DATA MISSING						
YEAR	1434	158	13	3	0	0	0	1608

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89	0	0.3	0.8	1.4	2.1	4.2	5.6	7.9	10.0	20	2.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - TEACHERS COLLEGE 1ST AVE N BAY NO 75020

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15	****	****	****	****	****	****	****	****	3	0	0	3	****
16	3	2	3	6	2	5	7	3	4	0	0	4	3
17	0	3	0	0	0	0	1	2	2	0	0	7	1
18	0	0	3	0	0	2	2	0	2	0	2	2	1
19	0	0	0	0	3	2	3	2	2	0	2	2	1
20	3	2	3	5	2	0	2	1	2	3	3	2	2
21	0	4	2	2	0	4	3	2	0	0	0	6	2
22	2	0	2	2	7	0	4	2	3	0	3	2	2
23	2	0	2	2	2	0	0	2	2	0	2	2	2
24	0	0	2	0	0	0	0	2	2	0	2	2	2
25	2	2	0	0	0	0	0	0	1	1	3	2	1
26	2	3	0	3	0	2	1	2	0	2	3	0	1
27	0	3	0	0	0	2	2	2	2	0	4	0	2
28	7	2	0	2	2	3	2	0	3	0	0	0	1
29	2	0	5	0	4	0	3	3	5	3	2	3	3
30	1	4	0	7	****	2	2	0	2	0	4	2	2
31	0	2	1	1	1	2	0	5	2	1	0	0	1
MEAN	2	2	2	2	2	2	2	2	2	1	2	2	2

PERCENTAGE OF DATA VALID - 52

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - TEACHERS COLLEGE 1ST AVE N BAY NO 75020

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	0	0	1	0	2	0	2	7	1	2
2	2	1	0	5	0	0	0	0	0	0	0	0	0
3	****	****	****	****	****	****	****	****	****	****	****	****	****
4	0	2	0	0	1	0	2	0	0	6	1	4	****
5	2	2	2	1	3	4	2	2	2	2	2	0	1
6	1	5	2	2	0	10	0	2	2	0	0	2	2
7	2	5	2	2	3	3	2	2	4	2	1	2	3
8	2	1	2	2	1	1	2	0	2	2	4	2	3
9	2	2	1	2	3	2	2	2	4	3	1	1	1
10	0	2	2	2	****	****	****	****	****	****	3	5	3
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	1	2	1	2	2	3	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - TEACHERS COLLEGE 1ST AVE N BAY NO 75020

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9	****	****	****	****	****	2	0	1	0	3	0	5	****
10	4	0	4	0	2	2	3	0	2	2	0	0	2
11	0	0	0	3	2	0	2	0	3	2	5	2	2
12	0	0	0	0	0	2	3	0	3	4	0	0	1
13	0	0	0	2	0	2	0	2	1	3	3	3	1
14	1	0	2	2	2	0	2	2	0	2	2	0	1
15	0	1	2	2	2	2	2	2	0	0	0	0	1
16	3	2	2	2	2	4	2	2	3	2	0	4	2
17	4	2	1	2	3	2	0	0	1	0	2	2	2
18	2	0	2	0	3	0	1	2	0	0	3	2	1
19	2	3	0	1	3	2	0	2	2	0	2	2	1
20	0	2	2	4	2	1	3	0	1	3	1	3	2
21	0	2	0	2	0	0	0	0	3	0	2	0	1
22	0	0	2	2	0	1	2	1	1	0	1	1	1
23	2	2	0	3	2	2	3	4	2	1	0	0	2
24	2	2	2	0	4	1	2	0	****	1	3	0	2
25	0	0	0	3	4	0	2	0	0	0	1	2	1
26	0	2	3	2	2	0	2	0	0	4	1	4	2
27	2	2	0	0	2	0	2	2	1	2	2	0	1
28	2	3	3	2	2	2	1	1	2	2	2	4	2
29	2	4	0	3	3	0	2	3	2	0	3	1	2
30	0	2	3	2	4	0	2	0	0	0	0	0	1
MEAN	1	1	1	2	2	1	2	1	1	1	2	2	1

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - TEACHERS COLLEGE 1ST AVE N BAY NO 75020

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	0	0	1	0	0	0	0	0	0	2	0
2	3	3	4	5	4	0	2	2	2	3	2	1	3
3	2	0	2	2	1	1	0	1	0	****	****	****	1
4	****	****	****	****	****	0	1	0	1	1	1	0	****
5	2	1	2	2	0	0	2	0	2	0	1	2	1
6	0	2	1	2	0	2	2	2	0	0	0	0	1
7	0	2	0	1	0	1	0	1	0	2	2	3	1
8	3	2	0	1	****	3	0	2	2	2	2	2	2
9	2	0	2	2	2	2	2	1	3	2	5	1	2
10	0	3	2	1	1	2	3	0	0	0	3	0	1
11	0	0	0	2	2	0	2	0	0	2	3	0	1
12	2	0	3	2	2	2	0	3	0	2	3	3	2
13	3	2	3	0	7	3	0	4	4	3	9	4	4
14	3	4	2	3	3	1	3	2	0	3	2	2	2
15	5	3	3	6	2	3	3	2	4	4	5	1	3
16	0	3	1	3	0	0	1	0	3	0	0	0	1
17	1	2	2	2	0	2	0	1	0	5	5	1	2
18	3	5	2	5	5	5	3	5	5	4	7	4	4
19	6	3	3	2	9	3	2	3	2	2	4	3	4
20	0	3	3	2	2	2	3	2	3	5	3	7	3
21	1	3	2	5	3	2	3	0	5	2	5	4	3
22	3	2	6	2	5	5	0	3	0	4	2	1	3
23	2	0	2	0	3	2	0	0	2	4	0	2	1
24	2	0	3	0	1	2	0	1	0	3	0	0	1
25	0	0	2	0	3	0	2	2	****	****	****	****	1
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	2	2	2	2	3	2	1	1	2	2	3	2	2

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - TEACHERS COLLEGE 1ST AVE N BAY NO 75020

MONTH NOV 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12	****	****	****	****	****	****	- DATA MISSING -	0	2				
13	0	3	3	3	0	0	0	1	0	3	3	2	****
14	0	0	2	1	2	4	1	0	0	0	0	0	1
15	3	0	2	2	1	5	2	2	0	0	4	2	2
16	3	2	5	2	7	5	3	2	5	2	2	2	3
17	0	****	****	2	8	2	2	2	0	7	2	1	3
18	2	3	3	4	2	1	2	2	2	5	6	3	3
19	2	4	2	2	3	2	0	5	3	3	2	0	2
20	0	0	0	4	5	3	0	2	2	2	0	0	2
21	3	0	2	2	0	0	0	1	0	0	0	2	1
22	0	2	0	0	5	2	3	3	0	2	0	3	1
23	2	1	2	0	2	2	0	3	0	2	3	0	2
24	3	0	0	2	0	2	0	2	2	1	3	2	1
25	2	2	2	2	2	0	2	4	5	5	0	10	3
26	2	3	0	2	5	2	2	5	1	5	2	3	3
27	0	1	3	2	0	6	2	3	2	3	0	0	2
28	0	2	0	2	2	0	0	0	0	2	0	3	1
29	2	2	3	0	3	2	2	2	4	0	2	0	2
30	3	0	4	0	2	0	1	0	2	1	3	0	1
MEAN	2	1	2	2	3	2	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 61

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - TEACHERS COLLEGE 1ST AVE N BAY NO 75020

MONTH DEC 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	2	2	5	0	1	3	2	11	5	7	3
2	2	4	2	5	2	2	0	0	2	2	0	2	2
3	0	0	2	****	****	****	****	****	****	****	****	****	****
4													
5													
6													
7													
8													
9	****	****	****	****	****	****	****	****	8	8	2	2	****
10	3	5	1	4	6	3	2	3	2	2	2	0	3
11	4	1	2	0	0	0	1	2	3	0	6	2	2
12	2	0	5	9	5	5	3	2	0	0	3	0	3
13	0	2	1	0	2	2	3	0	5	0	3	1	2
14	2	5	3	3	5	0	1	1	2	3	1	2	2
15	0	0	1	3	1	0	0	0	3	1	3	2	1
16	2	0	0	0	4	0	0	0	0	0	0	0	1
17	3	0	1	2	0	2	2	0	0	0	0	0	1
18	2	2	0	1	0	0	2	1	2	0	0	2	1
19	0	1	0	0	2	2	0	0	0	0	0	0	0
20	1	0	****	****	****	4	3	5	11	12	4	4	5
21	9	3	4	8	6	0	3	0	0	2	1	0	3
22	1	2	2	3	0	1	2	3	2	5	2	2	2
23	0	0	2	4	3	3	2	3	6	1	2	3	2
24	4	8	5	2	0	0	4	0	2	0	2	2	2
25	1	2	0	2	2	0	0	2	1	1	2	0	1
26	3	7	****	****	5	2	1	1	2	1	3	0	1
27	2	0	0	1	0	2	2	1	0	2	0	0	1
28	3	2	2	2	2	2	2	2	3	9	7	4	3
29	2	3	0	3	0	2	0	0	2	2	1	1	1
30	2	3	0	1	1	3	2	5	0	1	1	2	2
31	4	0	1	4	3	2	1	2	6	3	1	2	2
MEAN	2	2	2	3	2	2	2	2	3	3	2	2	2

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - TEACHERS COLLEGE 1ST AVE N BAY NO 75020

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL	17	2	3	7
AUG	10	2	3	10
SEP	22	1	2	5
OCT	25	2	4	9
NOV	19	2	3	10
DEC	26	2	5	12
YEAR	119	2	5	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - TEACHERS COLLEGE 1ST AVE N BAY NO 75020

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	DATA MISSING							
APR	DATA MISSING							
MAY	DATA MISSING							
JUN	DATA MISSING							
JUL	182	13	0	0	0	0	0	195
AUG	90	8	0	0	0	0	0	98
SEP	256	2	0	0	0	0	0	258
OCT	261	26	0	0	0	0	0	287
NOV	201	19	0	0	0	0	0	220
DEC	257	31	3	0	0	0	0	291
YEAR	1247	99	3	0	0	0	0	1349

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
61	0	0.2	0.7	1.3	1.9	3.5	4.6	6.2	7.4	12	1.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JAN 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13	2	2	3	5	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
14	1	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	1	1	1	0	0	0	1	1	0	1	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	0	0	1	1	1	2	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	2	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	1	1	1	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
19	0	0	0	0	0	0	1	0	0	1	1	0	1	1	0	0	0	1	1	1	0	1	1	0	0
20	0	0	0	1	1	0	1	2	2	2	2	4	1	0	0	0	2	3	1	1	1	1	1	1	1
21	2	2	2	2	2	3	4	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22	1	4	2	2	2	3	4	2	2	3	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
23	2	2	2	2	2	3	4	2	2	3	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
24	0	1	0	6	2	1	0	2	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	1	0	1	0	1	1	1	2	3	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	0	1	0	1	1	1	1	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	2	2	2	2	2	3	4	2	2	4	7	3	5	3	1	1	1	1	1	1	1	1	1	1	1
29	1	1	0	2	3	2	2	2	4	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	0	0	0	0	0	0	0	1	1	2	0	1	1	1	1	1	1	1	1	1	1	1
31	5	6	5	4	4	4	2	2	2	2	1	1	1	1	0	0	0	2	2	3	3	3	4	6	3
MEAN	1	1	1	2	1	1	1	2	2	2	1	2	1	1	1	1	1	2	2	2	2	1	1	1	1

PERCENTAGE OF DATA VALID - 58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH FEB 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	2	2	2	2	2	4	3	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	6	8	7	6	6	6	5	5	7	5	2	2	3	4	6	3	4	3	3	3	3	3	3	3	3
4	4	3	3	3	3	3	3	4	4	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	2	2	2	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
6	1	1	1	1	1	1	1	1	1	2	0	0	1	1	2	1	2	1	0	0	1	2	1	1	1
7	1	2	1	1	1	5	5	3	5	7	4	3	2	1	1	1	0	1	1	1	1	1	1	1	2
8	2	1	2	2	3	1	3	3	2	2	1	2	0	2	2	1	1	1	2	1	1	0	0	0	2
9	1	1	1	1	1	1	1	1	0	1	0	1	0	0	0	2	2	3	2	1	0	3	4	6	1
10	2	1	2	1	0	1	1	1	2	1	0	2	4	4	2	2	2	2	4	5	4	6	5	12	3
11	5	2	2	2	3	3	3	2	3	5	4	3	4	1	3	3	4	5	5	5	5	2	2	5	3
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	0	1	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	1	0	1	0
15	1	1	1	3	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	3	2	1	1	7	0	1	1	6	4	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	3	1	1	2	2	1	0	3	2	2	1	0	1	1	1	1	3	2	0	1	0	2	0	1	1
20	3	0	1	1	1	0	4	3	1	1	1	1	1	1	2	0	1	3	2	3	2	2	2	0	2
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	4	4	2	3	3	6	2	5	3	4	0	1	4	6	3	1	2	2	2	2	2	2	2	2	2
23	1	1	2	2	2	1	1	1	0	2	1	3	2	2	1	4	5	2	0	0	2	2	2	2	2
24	3	3	2	1	2	1	1	2	2	5	5	6	4	0	5	6	5	5	10	4	2	2	1	3	3
25	4	3	4	7	13	3	1	1	5	2	0	8	2	2	2	4	6	5	5	5	1	3	3	4	4
26	2	4	7	3	3	4	5	4	4	3	6	4	3	7	5	5	7	10	7	8	4	6	4	3	5
27	4	4	3	4	2	1	1	1	0	1	1	1	4	1	0	2	2	2	2	2	2	2	2	2	2
28	1	1	2	2	1	1	1	1	0	0	0	1	0	3	2	0	1	0	0	0	3	0	0	1	1
MEAN	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAR 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	3	****	2	0	4	2	1	3	****	****	0	1	3	1	1	5	4	0	7	4	5	2	5	3
2	0	1	0	1	1	2	0	2	****	0	2	1	4	2	2	2	2	0	0	3	0	0	1	2	1
3	0	0	****	****	0	****	1	4	1	1	3	1	****	4	0	0	1	1	1	0	2	1	1	2	1
4	0	2	2	0	0	1	****	4	0	****	2	5	0	1	1	0	0	0	0	0	1	3	1	0	1
5	0	****	0	0	0	****	1	1	1	2	1	2	2	1	1	1	1	1	1	1	3	6	6	4	2
6	4	4	3	2	3	1	2	1	2	1	1	1	2	0	1	2	1	1	2	1	1	2	2	****	2
7	2	1	1	1	1	0	0	0	0	0	0	1	0	1	0	1	1	0	2	1	0	0	0	1	1
8	1	2	0	0	1	0	1	1	0	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1
9	1	2	3	1	1	0	1	0	1	1	0	2	1	1	1	****	1	1	1	1	2	19	18	15	3
10	6	7	6	5	6	10	4	12	10	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	6	7	8	3	2	3	4	3	5	****	2	1	1	1	1	2	3	3	4	6	4	19	40	14	6
12	5	14	12	17	15	14	15	18	12	16	14	8	4	3	3	2	2	3	3	1	5	23	31	19	11
13	11	12	13	14	12	10	9	8	10	11	10	12	5	2	3	2	2	3	3	3	2	2	2	2	7
14	3	4	3	3	4	5	4	4	6	6	6	5	3	3	4	4	4	3	3	4	4	4	4	7	4
15	6	5	4	3	3	3	4	5	4	4	4	3	3	2	3	2	1	1	1	0	1	0	0	0	3
16	0	0	1	0	1	0	1	2	1	2	2	1	1	1	2	0	3	2	2	1	1	1	3	2	1
17	2	1	2	1	2	0	1	1	1	****	1	1	2	1	1	1	0	****	1	2	1	2	7	7	2
18	3	1	1	4	7	3	7	7	9	3	5	3	0	1	2	1	1	1	2	2	2	2	3	2	3
19	4	4	4	4	1	3	2	3	3	1	2	1	****	0	1	3	2	2	1	1	0	1	1	0	2
20	1	2	1	3	0	1	1	1	1	1	0	0	0	0	1	0	0	0	****	****	****	****	****	****	1
21	****	****	****	****	****	****	****	****	****	****	3	0	0	0	0	1	1	1	0	1	1	0	0	0	****
22	0	0	1	1	1	1	2	1	1	0	1	2	0	1	1	0	1	0	2	1	0	1	2	2	1
23	2	2	2	2	0	0	1	2	1	1	5	1	2	1	1	1	0	1	1	1	1	1	1	0	1
24	1	0	0	0	1	0	1	0	1	0	2	2	1	0	1	2	****	1	1	1	1	2	3	4	1
25	2	1	2	2	1	1	2	2	0	1	0	1	2	1	0	1	1	0	2	2	2	2	15	6	2
26	8	12	4	2	4	9	10	9	8	9	10	3	4	2	0	3	2	2	1	2	2	2	3	3	5
27	3	2	4	6	5	8	6	7	8	6	4	4	3	3	3	4	4	4	4	5	5	4	5	5	5
28	4	4	3	3	2	4	3	2	3	1	2	2	2	3	3	3	8	5	5	4	5	3	3	2	3
29	2	2	2	2	1	2	2	5	2	1	3	2	1	2	1	0	3	1	1	1	0	1	1	0	2
30	1	0	1	1	0	1	0	1	0	1	1	0	0	1	0	2	0	1	5	6	6	8	10	9	2
31	6	6	5	6	7	6	6	9	8	9	****	4	7	3	3	3	2	5	4	7	6	5	5	5	6
MEAN	3	3	3	3	3	3	3	4	4	3	3	2	2	1	1	1	2	2	2	2	2	4	6	4	3

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH APR 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	4	4	4	5	6	7	8	7	8	7	6	9	9	9	9	8	8	8	7	5	6	6
2	3	2	3	2	2	2	2	2	1	3	6	3	2	2	3	2	3	2	2	2	2	5	6	6	3
3	6	3	4	3	2	2	2	2	3	5	3	3	2	2	2	2	2	1	1	2	2	2	3	2	3
4	2	5	2	1	3	3	2	2	2	1	2	2	1	2	0	2	1	2	2	2	2	2	2	1	2
5	1	1	1	1	1	1	2	2	2	3	6	5	3	2	2	2	2	3	2	2	2	2	2	2	2
6	3	2	4	9	5	5	5	5	8	5	3	2	1	2	3	5	4	4	3	3	24	17	6	5	6
7	4	4	4	2	2	3	3	2	0	2	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1
8	1	2	2	2	1	2	3	3	4	3	3	2	2	1	2	1	3	3	3	5	5	8	9	6	3
9	4	7	7	9	5	8	12	10	6	7	8	7	6	4	4	2	0	0	0	0	1	****	****	****	5
10	****	****	****	****	****	****	****	****	****	2	1	1	1	1	1	2	1	2	2	1	0	0	1	4	****
11	4	3	5	5	7	6	7	3	5	3	3	2	6	6	5	3	3	7	7	6	6	7	7	6	5
12	8	8	11	9	6	6	15	12	15	19	13	2	12	8	8	7	7	10	10	11	10	12	7	7	10
13	17	10	7	4	1	2	1	1	2	1	4	3	2	2	3	5	3	2	1	1	2	2	1	2	3
14	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	0	0	1	2	5	6	3	4	2
15	3	1	1	3	3	14	6	7	2	1	1	1	1	0	1	2	5	5	4	8	7	6	3	3	4
16	2	2	2	2	4	3	2	2	1	4	1	5	2	2	2	2	2	1	1	2	8	7	13	10	3
17	15	9	11	8	7	7	5	6	6	4	4	4	2	3	2	5	4	2	2	3	3	2	2	3	5
18	2	1	1	2	2	1	1	2	1	1	1	1	2	1	1	1	1	1	1	3	4	4	3	3	2
19	3	3	2	2	2	1	2	2	1	1	3	2	2	2	3	2	3	3	3	3	5	4	5	4	3
20	5	4	3	4	5	10	6	5	5	0	8	11	5	3	3	4	6	5	6	4	4	1	1	1	5
21	1	1	0	0	0	1	0	1	0	1	1	1	4	1	1	1	1	1	4	1	1	0	1	0	1
22	0	1	1	9	1	2	5	2	7	0	2	2	2	2	2	1	4	1	4	2	2	1	2	2	2
23	2	1	1	1	4	2	1	2	2	1	2	1	2	2	2	1	3	2	5	7	4	2	2	2	2
24	5	3	2	2	2	1	2	3	2	2	2	1	2	2	3	1	2	2	1	2	3	2	1	1	2
25	1	1	4	5	1	3	2	1	1	1	1	2	2	1	2	1	1	2	2	2	2	2	1	2	2
26	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	1	1	1	2	2	2	1	2	1
27	2	3	7	2	2	2	3	2	3	2	2	6	3	2	1	3	3	4	5	6	12	6	5	3	4
28	3	2	2	2	7	4	5	2	4	7	3	5	3	4	5	4	3	3	4	2	2	2	3	3	4
29	3	3	3	3	3	4	4	2	2	2	2	3	3	3	4	3	3	5	4	3	3	3	2	2	3
30	4	4	3	4	3	6	3	4	0	2	4	3	5	2	2	2	1	1	1	3	3	2	2	3	3
MEAN	4	3	3	4	3	4	4	3	3	3	3	3	3	2	3	3	3	3	3	3	5	4	3	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAY 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	4	12	3	8	5	5	10	3	3	3	2	7	4	8	7	2	6	2	2	5	7	3	2	5
2	4	6	6	1	2	7	2	2	2	6	8	2	2	2	1	2	4	6	1	2	3	6	2	2	3
3	2	1	2	2	7	4	2	3	3	2	2	2	6	1	1	2	2	1	3	4	6	3	7	1	3
4	8	7	0	2	7	1	1	2	1	2	2	2	2	2	2	2	3	4	5	5	6	6	3	5	3
5	5	2	5	6	3	6	7	10	3	5	5	4	3	4	3	3	3	3	3	3	7	5	3	1	4
6	1	3	2	5	2	3	3	4	2	3	2	2	2	1	1	2	1	1	1	1	1	5	2	4	3
7	5	5	4	3	4	6	4	5	7	5	3	3	2	2	2	2	0	2	1	3	2	2	6	5	3
8	4	3	4	4	4	6	4	15	16	3	4	3	3	2	1	2	2	1	1	2	2	3	1	3	4
9	1	13	1	13	1	2	2	2	1	1	1	0	1	1	1	1	1	1	1	2	4	2	2	2	2
10	2	2	2	2	2	2	1	1	3	5	4	3	2	3	2	1	0	0	1	1	6	2	4	4	2
11	5	5	16	8	6	9	11	11	7	3	5	5	4	5	5	5	5	5	5	6	6	6	6	6	6
12	6	5	4	6	8	7	8	5	6	4	2	1	1	1	1	1	0	1	1	4	5	4	2	0	3
13	2	0	4	7	2	3	5	2	3	2	2	3	1	2	3	2	1	1	1	0	0	0	0	0	2
14	0	0	1	0	0	3	2	1	1	0	1	2	2	0	3	1	1	1	2	2	2	2	3	2	1
15	2	1	0	2	3	4	4	4	3	3	3	3	3	4	4	5	5	5	5	5	4	5	4	4	4
16	3	4	4	3	3	3	5	4	4	2	1	1	1	1	2	1	3	2	1	1	1	1	1	1	2
17	0	2	1	1	1	1	1	1	1	3	3	2	2	1	2	2	2	2	2	3	3	0	4	2	2
18	2	2	2	3	0	4	4	3	7	9	6	8	4	5	5	5	7	5	1	3	4	4	5	2	3
19	1	1	2	2	2	3	3	3	3	5	6	5	2	5	5	5	2	1	3	3	4	4	2	2	3
20	2	1	5	2	2	3	3	2	1	1	0	2	1	1	2	2	1	2	4	2	6	4	11	4	3
21	2	2	1	1	1	1	1	1	1	1	4	3	1	1	8	1	0	1	0	1	1	1	1	1	2
22	1	2	2	3	3	3	2	2	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
23	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	3	2	1	2	1	1
24	1	1	1	1	1	1	1	1	2	1	2	2	2	2	3	2	2	2	1	2	2	2	1	1	2
25	1	0	0	1	2	1	2	2	4	2	3	4	1	3	3	2	2	2	2	2	1	1	1	1	2
26	1	1	1	1	0	0	1	3	1	1	2	1	1	0	2	1	1	2	2	3	4	2	2	2	1
27	1	1	1	1	1	1	2	1	0	2	1	0	1	0	0	0	0	0	1	3	4	4	6	1	1
28	6	5	5	5	4	3	2	1	1	1	0	1	1	0	0	1	1	1	2	1	1	1	1	1	2
29	2	1	3	1	2	4	7	7	4	2	1	0	1	1	1	1	1	1	1	2	1	0	1	1	2
30	1	1	2	1	1	2	2	3	2	2	2	2	2	2	1	1	1	0	0	1	1	0	1	1	1
31	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	1	1	1	1	2	4	2	3	4	1
MEAN	2	3	3	3	3	3	3	4	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	2	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUN 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	8	5	6	6	4	5	14	11	4	2	2	2	2	3	2	****	3	1	1	2	4	4	4	5
2	4	4	3	7	8	9	9	7	4	4	2	2	3	3	5	5	3	3	4	3	3	2	2	1	4
3	2	7	3	7	4	3	5	4	4	5	5	4	3	2	4	4	5	4	4	4	7	10	3	3	4
4	3	8	6	4	7	5	6	4	4	3	2	2	1	3	2	1	1	2	2	1	2	2	1	2	3
5	2	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	1	2	2	2	4	2	2	2	2
6	1	1	2	1	1	5	3	2	2	2	4	3	3	3	2	2	****	****	3	2	3	3	3	3	2
7	4	3	2	2	2	4	6	3	4	3	5	4	4	4	3	2	0	0	0	0	0	0	1	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	0	1	1
9	1	1	1	2	9	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	4	5	4	2
10	3	3	3	6	10	5	8	5	3	0	1	1	0	0	1	1	1	1	1	1	1	4	8	10	3
11	6	5	8	5	5	8	4	3	2	2	2	2	2	2	2	3	3	3	4	5	7	3	5	4	4
12	5	5	7	5	3	4	4	5	6	7	6	2	6	3	3	4	5	5	6	7	7	7	3	5	5
13	3	3	3	5	3	3	4	4	3	3	2	3	3	3	2	2	3	3	3	4	3	2	2	2	3
14	1	4	2	2	1	2	4	3	2	2	2	3	1	0	2	5	6	4	4	3	4	4	9	3	3
15	11	9	10	13	10	15	8	11	7	6	1	1	3	2	3	5	3	7	8	12	3	3	8	11	7
16	5	6	9	4	2	4	6	7	5	4	0	2	2	2	2	3	3	3	3	4	4	3	4	5	4
17	5	5	4	7	7	6	8	4	3	4	3	3	4	4	3	6	6	5	6	6	5	5	7	6	5
18	4	4	6	7	7	8	11	6	6	6	5	5	5	5	5	4	4	4	4	6	7	7	6	6	6
19	7	8	6	5	7	7	8	9	7	6	5	4	4	4	3	3	2	2	2	3	4	2	4	3	5
20	3	3	3	4	4	4	7	7	9	8	13	6	4	3	2	2	2	1	0	2	1	1	1	0	4
21	0	1	1	0	1	0	0	1	0	0	1	0	0	0	1	0	7	4	3	2	2	2	2	2	1
22	6	3	3	4	5	7	6	3	2	1	1	1	1	2	0	3	2	2	0	2	2	1	2	2	2
23	2	2	2	3	3	4	0	0	4	3	2	2	2	2	2	4	3	2	2	2	0	2	2	2	2
24	2	0	2	1	2	3	1	1	0	0	0	0	0	1	2	3	2	1	0	1	3	5	3	2	2
25	3	3	5	5	1	1	3	4	4	3	2	0	0	3	3	3	3	2	3	3	3	2	1	1	3
26	1	2	3	4	4	6	5	6	4	4	2	2	0	1	0	1	1	1	2	1	2	1	2	1	2
27	1	1	1	6	1	2	2	4	0	2	3	4	5	4	4	3	4	4	3	4	4	6	4	3	3
28	4	4	4	4	5	6	9	9	5	3	1	3	4	3	3	4	4	3	3	1	3	2	2	3	4
29	3	3	4	5	4	4	5	0	2	4	5	5	5	4	3	2	3	4	5	3	2	2	2	2	3
30	3	3	4	5	4	4	5	0	2	4	5	5	5	4	3	2	3	4	5	3	2	2	2	2	3
MEAN	4	4	4	4	4	5	5	4	4	3	3	3	2	2	2	2	3	3	3	3	3	3	3	4	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUL 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	0	0	0	2	0	0	1	1	1	0	1	0	0	0	0	0	0	0	2	2	2	1	1
2	0	2	1	1	1	2	1	1	0	2	1	2	1	0	0	0	1	0	0	1	5	6	5	4	2
3	4	3	3	5	5	4	2	1	3	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	2
4	1	2	1	1	1	2	2	1	2	3	3	3	3	3	3	5	3	3	2	3	4	4	4	3	3
5	3	3	3	3	4	5	7	8	11	7	0	3	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1
7	1	1	1	1	1	3	4	2	3	3	3	4	5	3	2	3	1	1	1	1	1	1	1	1	2
8	1	2	1	0	0	0	0	1	0	0	0	2	1	1	1	1	1	0	0	0	0	0	0	1	1
9	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
10	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	1	1	1	1	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1
13	0	0	1	1	1	1	1	2	2	2	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
15	1	1	2	1	1	2	2	1	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	1	3	0	1	1	1	1	1	1	0	1	1	0	0	1	1	0	1
17	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
18	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
19	0	0	0	0	0	1	0	1	0	0	1	0	1	1	0	0	0	0	1	2	2	1	1	2	1
20	1	0	1	1	2	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	2	2	2	2	1
21	3	1	0	1	2	1	2	2	0	1	0	1	0	1	2	0	0	1	1	1	1	1	1	1	1
22	1	0	1	1	1	1	4	1	1	1	0	1	1	1	2	2	1	1	1	1	0	0	1	1	1
23	1	1	1	0	0	1	2	2	1	1	1	1	1	1	0	0	0	1	1	1	1	0	1	1	1
24	1	1	1	1	0	1	1	1	0	1	1	0	1	1	0	0	0	0	0	0	1	6	4	3	1
25	3	2	4	4	4	4	5	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
26	1	1	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0
28	1	1	0	1	1	2	3	2	1	2	2	0	3	1	2	2	2	1	1	1	1	1	4	1	2
29	1	1	1	0	2	2	2	2	1	1	1	0	0	0	0	1	0	1	1	3	1	1	1	1	1
30	0	1	0	1	0	3	2	1	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	1	0	1	0	0	0	0	1	1	0	1	1	1	0	1	0	1	1	0	0	0	1	0	0
MEAN	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH AUG 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	6	1	0	1
3	0	0	0	1	0	0	0	0	0	0	2	0	1	1	1	1	0	0	0	1	1	1	1	1	1
4	1	0	0	1	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0	2	3	1	0	1	1
5	2	3	2	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	0	1	1	1	1	0	1
6	0	0	0	0	0	1	1	3	3	1	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
9	1	2	2	2	2	3	4	4	3	3	2	3	2	3	2	2	2	2	2	2	3	3	4	3	3
10	5	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	2
11	1	2	2	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0	1	0
12	0	1	1	1	1	2	3	2	0	1	1	1	1	1	2	3	2	2	2	4	3	2	1	3	2
13	2	1	0	1	1	2	1	1	0	2	1	1	1	2	2	1	2	2	1	2	2	2	3	2	1
14	1	1	1	1	0	1	1	0	1	0	2	1	1	0	1	1	1	0	0	1	1	0	1	0	1
15	2	2	1	1	0	2	1	1	2	1	0	0	0	0	1	0	0	0	0	1	8	8	2	7	2
16	6	2	1	1	2	2	3	7	4	2	1	1	1	1	1	1	1	1	0	3	0	2	1	2	2
17	1	1	1	2	2	1	4	4	3	3	2	1	1	2	2	2	2	2	1	1	2	2	3	2	2
18	4	2	6	4	3	7	6	6	5	3	3	4	4	4	3	4	5	4	3	3	3	3	3	4	3
19	2	4	2	4	3	4	6	8	5	3	3	4	4	4	0	1	1	1	1	2	1	3	6	17	2
20	2	2	2	2	2	0	2	1	1	2	1	0	0	1	0	1	1	1	1	1	1	1	0	0	1
21	2	1	1	1	1	1	1	1	0	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0	1
22	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1	0	0	1	1	0	1	1
24	1	0	0	1	0	1	2	2	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	1	1
25	4	4	2	2	2	2	3	5	3	2	3	2	2	2	2	2	2	3	1	2	2	2	1	0	2
26	2	2	1	2	2	2	3	3	3	4	3	2	2	3	2	2	2	2	2	3	2	2	2	2	2
27	2	2	2	2	3	2	2	3	3	3	5	0	4	4	5	5	4	3	4	5	3	4	3	3	3
28	4	3	3	2	3	3	3	6	3	3	4	3	2	2	2	2	2	2	1	4	5	2	1	1	3
29	1	1	3	1	1	1	1	2	1	2	1	0	0	1	1	1	1	2	2	2	3	2	2	1	1
30	2	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	0	1	3	2	2	1	1	1
31	2	2	1	0	4	0	5	5	4	3	2	1	1	1	4	7	5	5	6	3	3	2	2	2	3
MEAN	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH SEP 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	6	6	5	5	6	6	9	1	1	4	3	2	1	0	1	1	1	1	2	2	1	4	2	3
2	4	1	0	2	4	4	5	4	5	3	4	4	4	4	5	5	5	7	8	7	7	7	6	5	5
3	6	5	5	4	7	6	4	4	5	5	4	3	4	3	3	3	3	2	3	4	3	3	3	3	4
4	3	4	3	3	4	5	4	4	3	3	3	3	8	1	2	3	2	2	3	3	4	4	6	4	4
5	5	3	4	3	4	4	6	5	4	3	2	3	2	2	2	2	3	3	4	4	4	4	4	3	3
6	3	2	2	2	4	3	2	2	2	1	2	3	2	1	1	1	1	1	1	4	1	2	2	2	2
7	1	2	2	1	2	1	2	3	3	2	3	2	2	2	2	1	1	1	1	1	2	1	1	2	2
8	2	2	2	2	1	2	1	1	2	3	2	3	4	3	5	3	3	3	1	1	1	1	1	2	2
9	1	1	1	0	2	0	2	7	7	3	2	1	1	4	4	2	1	1	2	2	2	2	2	2	2
10	4	4	5	5	5	7	8	5	4	7	2	2	2	2	4	4	3	2	3	2	3	4	5	3	4
11	3	3	3	3	2	2	2	4	4	2	2	1	3	2	1	1	1	1	0	0	1	0	1	0	2
12	0	0	0	0	0	0	0	4	2	1	1	0	0	1	0	0	0	1	1	1	1	0	1	1	1
13	2	1	2	1	1	1	1	2	2	1	2	2	3	2	2	2	1	1	1	2	0	1	1	1	1
14	1	1	2	2	4	2	2	4	3	4	3	1	1	1	1	1	1	2	1	1	2	2	3	3	2
15	3	3	1	1	1	1	2	2	2	2	1	1	0	1	0	1	1	0	0	1	0	3	1	3	1
16	3	9	5	4	2	4	6	3	2	2	1	1	2	2	2	1	2	2	2	2	2	3	3	2	3
17	1	4	4	1	4	2	9	6	6	2	3	3	1	2	1	1	3	1	1	1	1	2	1	1	3
18	1	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	2	2	2	1	2	1	1	1
19	1	2	2	2	3	3	6	4	4	2	2	1	1	0	1	2	1	1	1	1	2	2	1	2	2
20	1	1	1	3	3	2	3	6	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	0	2
21	1	0	1	1	0	2	10	11	11	7	1	1	1	2	2	1	2	1	2	2	2	2	2	1	3
22	1	2	2	2	1	1	2	1	1	2	1	1	2	2	1	1	1	1	1	1	1	2	2	2	1
23	2	2	2	2	2	3	6	3	3	5	6	4	2	2	3	1	1	0	1	1	1	1	1	1	3
24	0	1	0	0	1	5	9	3	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	3
25	2	2	2	2	2	1	4	9	6	4	2	2	2	3	3	2	2	2	5	3	3	2	2	1	2
26	5	4	8	10	9	7	7	6	5	4	4	3	3	3	3	3	3	6	4	4	4	4	3	1	5
27	1	0	2	1	3	2	4	6	5	4	0	5	4	1	1	3	3	4	7	8	9	5	7	5	5
28	3	6	4	4	2	6	7	7	7	2	6	9	3	5	6	6	6	6	5	6	5	6	4	3	5
29	1	4	3	2	2	2	1	0	1	1	0	0	2	1	1	1	0	1	3	2	2	0	3	1	1
30	1	2	2	2	2	4	4	3	5	5	3	3	2	2	2	4	3	4	4	2	2	5	3	5	3
MEAN	2	3	3	2	3	3	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH OCT 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	2	2	2	3	3	3	4	4	5	5	5	6	6	6	6	6	6	7	6	7	6	4
2	5	6	7	6	6	7	12	3	2	7	1	2	2	1	1	1	1	1	1	1	1	1	1	3	3
3	1	0	0	3	2	2	2	2	2	2	3	2	2	3	3	2	1	3	2	4	7	5	4	3	3
4	1	0	1	3	2	2	3	2	2	3	1	2	2	2	2	4	2	1	2	1	2	2	0	2	2
5	3	1	0	3	5	2	5	3	4	2	2	1	0	1	1	2	3	3	3	4	4	3	3	1	2
6	2	2	1	1	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0
7	1	2	0	0	0	1	1	1	0	0	0	1	0	0	1	2	1	1	1	2	8	8	3	2	2
8	5	8	9	9	7	9	20	17	7	7	5	2	2	2	3	5	5	5	4	4	3	3	4	6	6
9	3	2	3	3	2	4	4	4	4	5	7	6	6	8	7	6	6	3	3	4	2	1	1	2	4
10	3	4	3	2	2	2	3	2	3	2	2	2	1	1	2	1	0	2	4	2	1	1	1	1	2
11	1	1	1	1	2	1	1	2	2	1	0	0	0	1	1	1	0	1	0	0	0	0	0	0	1
12	1	1	1	0	1	1	1	1	1	0	0	1	1	0	0	1	1	1	1	6	4	5	7	5	2
13	6	5	5	8	9	6	8	9	9	8	5	4	7	12	10	10	8	7	8	12	14	15	13	17	9
14	14	15	8	8	10	12	13	12	13	10	6	5	6	5	4	6	6	6	5	5	6	6	6	8	8
15	7	7	7	7	9	9	10	16	15	9	4	7	10	8	7	7	9	10	5	4	14	5	2	4	8
16	1	1	4	2	11	11	1	9	2	1	3	2	1	4	4	5	1	1	2	1	1	2	3	2	3
17	0	1	1	2	2	1	1	1	1	1	2	3	3	3	3	4	5	4	4	3	3	4	4	3	3
18	3	3	3	4	4	6	8	8	6	5	5	6	7	7	8	8	10	11	12	14	15	14	13	8	8
19	10	12	11	9	5	16	14	15	13	13	9	7	6	5	4	3	4	5	7	5	2	5	4	5	8
20	5	5	6	5	5	6	8	13	9	4	2	6	9	10	8	7	8	9	9	8	9	12	14	12	8
21	10	10	9	6	13	15	13	10	11	10	9	7	7	7	6	7	5	7	8	8	5	8	5	6	8
22	8	6	4	7	4	5	9	10	3	2	3	2	4	3	2	2	3	2	1	5	1	0	2	1	4
23	3	2	2	1	1	1	1	2	1	1	1	2	0	1	1	3	3	2	2	2	0	4	3	1	2
24	3	0	2	2	4	4	4	3	4	2	2	3	3	3	4	4	2	4	6	5	3	4	3	3	3
25	3	2	3	3	2	3	3	3	4	2	5	4	2	4	4	3	3	4	3	1	1	0	3	2	3
26	2	2	2	3	3	4	4	4	5	2	5	2	2	4	4	5	5	5	6	5	5	6	5	5	4
27	5	3	7	5	5	5	6	7	6	5	5	5	6	5	3	5	7	6	5	5	5	5	6	5	5
28	3	2	3	1	1	1	1	5	3	2	2	2	2	2	2	2	2	3	3	5	2	3	3	1	5
29	2	1	6	3	1	2	3	7	6	2	3	2	2	2	3	3	2	3	3	5	4	2	4	2	3
30	8	2	1	1	1	1	3	5	3	2	1	1	2	2	2	2	3	5	1	1	2	2	2	3	2
31	3	2	4	4	5	5	5	5	6	8	4	1	2	1	2	1	1	1	2	2	1	1	1	1	3
MEAN	4	4	4	4	4	5	5	6	5	4	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH NOV 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	2	1	1	2	2	1	1	1	2	0	0	2	2	2	2	2	4	3	2	4	2
2	2	2	1	2	1	2	1	2	3	5	3	2	0	1	2	1	0	1	2	2	1	2	2	2	2
3	2	4	4	2	1	3	3	3	3	2	3	3	3	2	2	3	3	2	2	2	1	2	3	5	3
4	2	2	1	1	1	0	0	1	1	1	1	0	1	1	3	1	1	2	1	1	1	2	2	2	1
5	3	4	4	3	2	2	4	5	3	4	3	3	5	3	3	4	4	3	3	3	2	3	3	3	3
6	3	2	2	3	2	3	2	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	1	2	1
7	2	1	1	1	0	3	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1	2	3	1
8	5	4	4	5	3	1	4	2	4	2	1	0	0	1	2	1	4	8	4	3	2	1	1	2	3
9	2	2	1	4	1	3	3	5	3	3	2	2	2	2	1	3	3	3	2	2	1	1	1	1	2
10	2	1	1	1	6	4	2	1	0	0	0	1	2	1	2	2	2	2	1	1	1	1	1	1	1
11	1	1	3	2	2	1	1	1	1	2	1	2	2	1	2	1	2	4	3	3	2	3	3	4	2
12	3	2	2	2	2	5	5	3	3	2	3	2	1	1	1	1	1	4	3	2	2	1	1	1	2
13	0	0	1	3	3	5	4	2	3	1	4	3	1	1	4	1	2	2	1	2	1	1	2	2	2
14	2	3	1	3	1	1	1	0	0	1	2	1	2	3	2	4	5	2	3	1	0	8	2	2	2
15	1	1	1	2	3	1	3	5	6	6	4	4	4	3	4	4	4	4	4	6	4	3	3	4	4
16	4	4	3	3	5	6	10	3	7	8	6	5	3	6	5	5	4	4	4	5	6	5	5	5	5
17	5	5	5	4	3	4	5	7	7	7	5	5	4	3	5	6	7	7	7	7	7	7	8	10	6
18	9	7	7	8	7	8	8	9	10	8	10	7	7	5	7	6	6	6	6	5	5	4	3	3	7
19	3	4	3	2	0	1	1	1	0	1	1	1	1	2	2	2	2	2	2	2	1	1	2	1	2
20	1	1	1	1	1	1	1	3	4	3	3	2	2	3	3	3	2	2	3	2	2	1	5	4	2
21	4	5	3	2	1	1	2	2	0	0	2	2	1	2	0	1	2	0	1	0	1	0	1	0	1
22	0	2	2	1	2	1	2	1	1	1	5	1	0	4	1	2	4	7	4	2	2	1	4	4	2
23	2	4	3	0	2	2	4	8	5	7	3	3	0	4	3	3	3	4	3	4	2	3	3	2	3
24	1	1	1	1	1	1	3	3	3	3	3	3	3	0	3	3	4	4	3	4	3	4	7	3	3
25	4	3	2	2	2	2	3	5	6	5	5	4	5	5	5	5	6	9	15	13	10	12	13	15	7
26	12	11	9	9	11	8	7	9	8	9	15	5	4	5	5	5	6	9	15	6	5	5	4	3	7
27	3	3	3	2	3	2	3	2	4	3	5	5	6	3	4	4	4	7	6	8	7	7	7	6	4
28	0	2	3	4	6	8	0	6	0	8	0	0	1	1	1	2	2	2	2	6	11	4	3	3	3
29	3	2	1	4	3	0	2	2	4	1	0	0	2	0	0	4	5	5	5	4	4	3	3	4	3
30	4	4	4	4	2	4	5	****	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
MEAN	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	4	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH DEC 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	2	2	2	****	****	****	****	****	****	3	6	5	4	9	****
2	2	4	3	4	4	5	4	4	5	0	5	4	8	4	5	2	2	1	3	3	2	2	1	1	3
3	2	2	2	2	3	2	2	3	3	6	4	4	3	2	3	3	3	4	4	4	3	3	3	3	3
4	4	8	5	4	4	3	4	4	4	3	3	2	3	4	6	6	4	4	5	12	4	4	6	7	5
5	7	7	6	3	3	4	4	3	2	3	3	2	3	3	2	3	3	3	2	3	3	3	3	3	3
6	2	2	2	2	2	3	4	9	7	7	7	7	7	8	6	8	4	5	4	4	3	3	3	3	5
7	3	2	3	3	3	3	3	3	3	3	3	3	3	2	3	2	3	3	2	2	2	2	3	2	3
8	2	2	2	2	2	2	3	3	4	4	4	3	3	3	2	3	3	2	2	2	2	2	4	3	3
9	3	3	2	2	1	2	2	3	3	3	2	2	3	3	3	4	5	5	7	7	5	4	5	5	4
10	4	5	4	5	5	5	5	3	7	5	5	5	5	4	3	3	3	3	3	3	3	2	1	1	4
11	2	1	1	2	1	1	1	1	2	1	2	2	1	1	1	2	2	3	1	1	2	1	1	1	1
12	1	1	1	1	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1
14	1	0	0	1	2	2	3	3	4	3	4	3	4	3	1	2	3	3	1	2	1	2	1	2	2
15	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	1	1	3	2	1	1	3	2	2	2
16	1	1	1	1	0	0	0	1	1	1	1	0	0	0	1	1	1	7	2	1	0	1	1	1	1
17	1	1	2	1	1	2	3	3	3	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	3	4	6	6	7	7	10	3	3
19	10	5	5	3	3	3	3	3	3	3	4	4	3	3	3	4	4	3	4	4	3	3	4	3	4
20	2	2	2	2	2	2	3	3	4	5	4	4	2	5	4	9	5	6	5	5	5	3	4	4	4
21	3	3	3	2	2	2	2	2	2	2	1	1	1	0	0	0	1	1	0	0	1	1	1	0	1
22	1	1	1	1	1	1	1	1	3	4	1	0	1	2	2	3	4	4	4	4	3	3	4	3	2
23	3	2	1	1	1	2	3	4	5	6	4	4	4	5	4	4	4	5	4	4	5	5	6	6	4
24	5	4	4	4	3	3	2	2	3	4	4	2	2	1	1	0	1	1	1	1	1	0	2	2	2
25	0	1	0	1	1	1	1	1	1	1	1	1	2	3	2	3	3	2	2	2	1	1	1	2	2
26	5	5	4	3	3	3	2	2	1	1	1	1	1	9	1	1	1	1	1	1	1	1	1	2	2
27	2	3	2	1	1	1	1	2	2	2	2	2	3	4	4	3	3	2	2	1	2	2	3	2	2
28	2	1	2	3	4	2	3	3	2	2	1	2	1	3	2	2	3	5	5	6	5	4	4	3	3
29	3	2	1	1	1	1	1	1	2	1	1	1	1	1	0	0	1	1	2	2	2	2	3	2	1
30	4	2	2	1	2	1	2	3	2	1	1	2	2	2	2	2	2	2	3	4	3	1	2	2	2
31	2	3	3	3	2	2	2	4	4	5	5	5	7	12	6	5	8	7	5	6	5	4	3	3	5
MEAN	3	3	2	2	2	2	2	3	3	3	3	2	3	3	2	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - ASH ST WATER TANK SUDBURY NO 77016

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	20	1	4	22
FEB	28	2	5	13
MAR	31	3	11	40
APR	30	3	10	24
MAY	31	3	6	16
JUN	30	3	7	15
JUL	31	1	3	11
AUG	31	2	4	17
SEP	30	3	5	11
OCT	31	4	9	20
NOV	30	3	7	15
DEC	31	3	5	12
YEAR	354	3	11	40

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY NO 77016

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	412	19	1	0	1	0	0	433
FEB	573	67	4	0	0	0	0	644
MAR	574	91	19	7	1	2	0	694
APR	548	141	15	3	1	0	0	708
MAY	619	116	7	2	0	0	0	744
JUN	548	158	11	0	0	0	0	717
JUL	718	13	1	0	0	0	0	732
AUG	686	28	0	1	0	0	0	715
SEP	614	100	2	0	0	0	0	716
OCT	480	222	37	5	0	0	0	744
NOV	581	127	10	0	0	0	0	718
DEC	634	92	2	0	0	0	0	728
YEAR	6987	1174	109	18	3	2	0	8293

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
94	0	0.2	0.7	1.4	2.6	5.1	6.8	9.3	11.8	40	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 50 CEDAR ST SUDBURY

NO 77020

MONTH JAN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	5	2	3	4	0	5	4	17	16	15	12	8
2	3	0	4	0	3	5	7	8	7	2	5	2	4
3	3	1	3	4	4	2	1	2	0	0	****	****	2
4	6	0	3	2	2	0	4	2	2	7	3	3	3
5	2	0	2	3	0	0	2	7	7	19	9	9	5
6	5	5	3	4	3	5	2	7	6	28	11	1	7
7	2	2	3	6	2	2	3	2	5	2	5	3	3
8	0	3	9	29	13	7	3	10	4	5	3	3	7
9	2	3	3	6	4	3	0	5	2	0	2	0	3
10	0	3	5	8	7	0	2	2	6	9	****	****	4
11	2	5	4	3	3	4	7	3	5	2	5	1	4
12	1	1	5	7	5	3	2	13	7	14	9	9	6
13	9	11	9	13	3	3	0	4	2	0	2	2	5
14	0	0	0	0	3	5	3	7	2	2	9	2	3
15	2	2	2	0	3	3	2	8	5	2	2	3	3
16	2	3	1	2	0	2	5	5	5	3	6	6	3
17	2	3	7	3	2	1	5	0	7	3	****	****	3
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	3	3	4	5	4	3	3	5	5	7	6	4	4

PERCENTAGE OF DATA VALID - 53

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 50 CEDAR ST SUDBURY

NO 77020

MONTH MAR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16	****	****	****	****	****	1	6	0	2	2	3	3	****
17	5	0	2	0	3	5	2	5	2	3	2	3	3
18	0	5	2	6	7	5	1	1	5	3	2	3	3
19	0	5	0	4	0	2	0	2	0	2	1	1	1
20	2	2	3	0	2	5	2	0	3	2	2	0	2
21	0	0	2	3	0	3	0	2	2	2	2	2	2
22	2	2	3	0	1	6	2	****	1	2	3	3	2
23	1	0	2	3	2	1	5	2	0	2	3	2	2
24	2	2	5	1	0	4	0	2	2	3	3	2	2
25	6	5	3	2	2	3	0	1	2	2	10	11	4
26	6	3	6	14	7	2	0	2	0	0	1	3	4
27	2	3	0	2	3	0	2	3	4	2	2	1	2
28	3	2	0	0	0	1	0	0	2	0	3	2	1
29	2	0	0	1	4	2	3	0	2	0	2	2	2
30	3	2	0	2	2	2	2	3	2	2	5	6	3
31	4	2	11	4	0	2	2	3	5	3	6	2	4
MEAN	3	2	3	3	2	3	2	2	2	2	3	3	2

PERCENTAGE OF DATA VALID - 50

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 50 CEDAR ST SUDBURY

NO 77020

MONTH APR 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	2	4	1	2	3	6	3	2	3	2	2
2	0	2	2	2	3	2	2	2	0	3	3	2	2
3	1	0	2	4	3	0	2	0	3	1	2	4	2
4	0	2	3	1	1	0	0	1	2	1	2	0	2
5	1	2	3	3	5	2	0	2	3	4	3	2	3
6	1	3	2	2	2	3	2	2	3	4	7	4	1
7	0	0	1	1	2	2	1	4	1	2	10	4	3
8	3	1	2	1	1	0	1	1	2	2	2	1	2
9	2	1	4	2	2	3	0	5	1	2	1	2	2
10	2	1	2	0	2	0	0	2	3	2	0	2	2
11	3	0	0	1	1	0	2	3	2	2	3	5	2
12	3	1	2	3	7	6	2	1	2	4	3	5	3
13	11	4	2	2	2	1	1	2	3	2	3	1	3
14	2	2	3	2	2	1	2	1	2	0	1	4	2
15	3	3	3	2	3	0	2	2	2	2	3	1	2
16	2	3	0	2	2	1	3	0	1	1	3	5	2
17	4	7	4	3	1	2	3	0	2	2	2	2	3
18	1	2	2	1	0	0	2	2	4	2	2	2	3
19	3	2	1	0	1	1	0	1	1	1	2	2	1
20	0	2	3	2	3	6	1	2	1	2	3	0	2
21	1	0	2	0	2	0	1	****	2	3	2	1	1
22	0	2	2	2	0	2	1	2	1	0	1	2	1
23	1	0	0	1	1	2	1	1	3	1	2	0	1
24	1	1	2	2	1	2	0	2	3	3	2	0	2
25	1	2	3	1	0	2	1	1	2	2	2	0	2
26	0	1	2	3	2	1	1	1	2	2	0	1	1
27	4	0	1	2	2	2	****	0	3	2	2	2	2
28	0	0	5	0	2	2	0	3	0	3	5	0	2
29	1	3	3	2	5	0	3	5	0	2	0	2	2
30	0	2	4	2	0	2	2	0	2	1	2	2	2
MEAN	2	2	2	2	2	2	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 50 CEDAR ST SUDBURY

NO 77020

MONTH MAY 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	1	0	3	0	0	3	2	0	3	1
2	1	0	2	0	2	0	2	0	2	0	2	0	1
3	0	0	0	7	2	2	3	2	0	2	3	0	2
4	2	1	2	5	****	0	1	3	2	2	3	4	2
5	1	3	5	12	4	1	2	2	0	5	4	7	4
6	0	1	4	0	5	0	2	5	0	4	3	6	3
7	3	8	5	8	5	3	5	4	2	6	4	3	5
8	4	3	5	8	2	3	3	1	1	2	0	2	3
9	0	1	1	2	0	3	1	2	3	2	3	1	2
10	2	2	2	4	3	5	0	2	0	4	5	9	3
11	3	7	8	2	2	3	5	2	4	2	4	2	4
12	5	2	4	4	****	0	4	3	1	2	4	0	2
13	5	2	6	3	3	1	4	5	2	1	2	0	1
14	0	1	2	5	7	1	2	0	3	0	4	2	3
15	0	3	2	2	0	4	3	4	2	2	3	2	2
16	2	6	3	4	3	4	1	3	1	0	2	2	2
17	0	0	2	0	3	2	4	1	0	3	1	4	2
18	0	2	3	****	****	2	2	2	7	2	3	2	3
19	2	1	0	3	6	3	2	2	3	2	4	2	3
20	2	2	2	2	2	0	2	4	3	4	2	4	2
21	2	2	2	0	1	0	2	2	1	0	2	3	1
22	2	2	2	4	1	2	2	0	2	2	2	2	2
23	0	2	0	0	0	0	0	0	1	0	0	2	0
24	0	2	0	0	0	1	0	0	2	0	2	2	0
25	0	2	0	1	3	4	2	4	6	2	2	2	1
26	2	0	0	3	4	2	2	2	2	3	2	2	2
27	1	2	2	8	2	2	1	2	4	0	0	2	2
28	10	3	7	6	0	2	1	2	2	2	3	5	4
29	3	3	5	3	3	4	2	0	2	2	2	2	3
30	0	3	0	2	0	2	3	2	0	2	0	0	1
31	1	0	1	2	2	2	2	1	2	3	4	3	2
MEAN	2	2	2	3	2	2	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 50 CEDAR ST SUDBURY

NO 77020

MONTH JUN 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	7	4	7	2	2	4	4	4	6	1	2	4
2	1	2	1	1	1	2	5	1	2	4	4	3	2
3	2	1	7	2	3	8	2	2	3	5	7	7	8
4	0	4	1	2	2	0	0	0	2	5	2	0	2
5	0	0	0	2	0	2	5	2	6	0	0	0	1
6	2	6	5	2	2	0	2	4	3	1	5	3	2
7	3	1	2	1	0	2	0	0	2	2	2	5	3
8	4	****	****	****	****	****	****	****	0	0	0	0	****
9	0	0	0	2	2	2	3	1	0	0	2	0	1
10	2	4	7	4	3	2	1	0	2	2	3	4	3
11	0	5	0	2	0	1	0	2	4	2	1	2	2
12	2	2	0	0	7	5	2	2	2	3	4	2	2
13	2	1	2	2	0	3	0	0	2	3	2	1	2
14	0	0	2	3	0	2	2	2	2	2	9	7	3
15	2	4	0	0	2	3	3	2	1	6	2	2	2
16	4	0	2	****	****	****	****	****	****	****	****	****	****
17													
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23	****	****	****	****	****	****	- DATA MISSING -						
24	0	0	0	2	2	0	0	5	0	0	3	0	****
25	3	2	2	0	1	0	0	0	0	0	5	3	1
26	5	0	0	0	2	2	0	0	5	2	0	3	2
27	0	0	2	0	3	0	1	0	2	0	2	0	1
28	0	3	2	0	0	2	2	0	5	3	2	7	2
29	3	2	2	7	0	5	1	3	1	5	5	5	3
30	2	0	2	1	2	2	2	5	0	5	3	0	2
MEAN	2	2	2	2	2	2	2	2	2	2	3	3	2

PERCENTAGE OF DATA VALID - 73

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 50 CEDAR ST SUDBURY

NO 77020

MONTH JUL 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	0	3	1	0	3	0	0	0	3	1
2	0	0	3	2	0	0	2	0	0	2	0	3	1
3	0	0	2	0	0	2	0	3	0	4	0	2	1
4	0	0	2	0	3	0	3	2	0	0	1	2	1
5	2	1	2	9	3	5	0	0	1	2	6	5	3
6	0	3	2	0	0	3	2	2	5	0	0	2	2
7	0	2	5	2	****	0	0	0	2	2	0	2	1
8	1	0	6	2	3	0	0	3	1	3	4	2	2
9	3	0	5	1	1	2	4	2	2	0	3	0	2
10	0	2	1	2	2	2	0	2	0	4	0	2	1
11	2	0	1	0	0	1	2	0	2	2	3	0	1
12	2	0	2	2	2	5	3	2	2	3	0	2	2
13	3	2	3	4	0	2	2	0	0	3	1	2	2
14	4	4	2	2	1	1	2	2	2	3	1	4	2
15	7	1	2	4	****	****	1	3	1	1	1	1	2
16	3	2	3	1	5	1	4	2	4	2	2	4	3
17	4	0	0	1	3	2	2	0	2	0	2	1	1
18	1	5	6	5	3	0	2	0	2	1	4	8	3
19	4	5	4	4	3	0	0	2	2	4	3	5	2
20	6	5	****	4	0	0	1	4	0	0	4	2	2
21	1	0	4	2	2	****	0	3	0	1	2	5	2
22	1	2	0	2	0	2	0	5	1	3	1	5	2
23	1	1	2	6	3	2	4	3	2	3	1	1	2
24	2	3	0	3	2	2	0	0	0	0	10	2	2
25	3	4	0	2	2	0	1	3	2	2	2	2	2
26	4	2	8	5	8	1	3	1	0	0	7	0	3
27	0	0	2	0	0	2	1	0	1	1	7	1	1
28	1	0	0	4	2	3	1	4	5	2	3	2	2
29	3	2	0	2	5	0	0	2	0	2	6	1	2
30	2	3	3	2	3	2	4	0	2	6	2	2	3
31	3	0	2	4	6	0	0	8	4	1	0	2	3
MEAN	2	2	2	2	2	1	1	2	1	2	2	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 50 CEDAR ST SUDBURY

NO 77020

MONTH AUG 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	2	2	0	0	3	1	0	2	4	3	2
2	2	1	2	4	2	0	2	1	0	0	4	2	2
3	0	1	0	0	2	3	***	0	2	0	2	0	1
4	0	0	2	0	5	0	2	0	0	2	0	5	1
5	6	2	3	5	3	0	0	0	0	2	4	3	2
6	2	3	3	0	3	2	3	2	4	2	3	0	2
7	0	0	2	2	4	3	2	3	0	6	3	2	2
8	0	2	2	3	7	0	0	3	0	3	3	2	2
9	2	0	2	6	0	0	5	3	3	5	3	8	3
10	2	0	2	0	2	2	0	3	4	3	2	7	2
11	2	0	2	***	0	3	0	2	0	2	3	2	1
12	0	0	2	2	3	0	3	0	5	2	0	3	2
13	0	2	0	5	2	2	0	2	0	5	2	4	2
14	0	2	1	3	0	0	3	0	0	0	2	3	1
15	2	2	0	0	0	2	0	1	0	2	3	3	1
16	8	5	3	3	5	2	2	0	3	0	2	0	3
17	0	3	3	2	0	4	0	2	0	7	2	3	2
18	5	0	3	2	2	3	2	3	4	3	5	2	3
19	2	2	5	2	8	3	3	2	3	1	2	2	3
20	5	0	2	0	0	0	0	2	3	5	11	0	2
21	2	0	0	3	0	3	0	3	0	0	2	0	1
22	2	0	3	5	3	0	0	0	0	0	0	0	1
23	2	0	0	3	0	0	0	4	0	2	3	8	1
24	1	0	0	4	4	0	0	5	4	0	5	8	3
25	0	0	0	***	***	1	3	0	2	0	2	2	1
26	2	0	2	2	2	0	4	3	2	2	2	0	2
27	0	1	0	5	3	7	1	2	4	2	0	0	2
28	1	5	0	5	0	3	0	5	1	2	5	0	2
29	0	3	0	2	2	0	0	2	0	0	5	3	2
30	5	0	6	0	5	2	2	3	0	2	5	2	3
31	2	5	0	3	3	4	2	3	6	2	6	0	3
MEAN	2	1	2	2	2	2	1	2	2	2	3	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 50 CEDAR ST SUDBURY

NO 77020

MONTH SEP 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	4	2	2	2	0	0	2	0	3	0	2	2
2	3	1	2	2	3	2	2	3	4	3	3	2	2
3	7	5	2	2	5	2	5	2	1	2	4	3	2
4	1	2	2	2	0	2	2	0	3	3	3	2	1
5	0	0	2	0	2	2	0	0	2	2	0	2	1
6	0	0	2	0	4	0	0	2	0	3	2	2	1
7	0	2	2	3	0	3	1	0	3	0	0	0	1
8	0	0	2	3	3	0	2	2	2	3	3	3	2
9	0	0	2	3	3	0	2	2	2	3	0	5	2
10	0	2	5	0	2	0	0	1	1	2	0	2	2
11	2	2	0	2	2	2	2	2	0	2	0	0	1
12	0	0	0	0	0	2	0	0	0	0	0	0	0
13	2	0	0	2	2	2	4	2	3	0	2	0	2
14	3	0	2	1	4	2	2	0	4	0	3	4	2
15	2	2	0	0	3	0	4	1	2	0	3	0	1
16	2	3	2	5	2	1	0	4	2	0	0	3	2
17	1	3	4	2	0	0	2	2	2	2	0	2	2
18	0	1	1	0	0	2	2	2	5	1	4	1	2
19	0	2	3	0	1	0	2	1	0	2	2	1	1
20	1	0	1	1	2	1	0	2	0	2	0	2	1
21	0	2	4	6	3	***	1	2	2	2	0	2	2
22	0	2	1	2	2	1	0	0	1	4	0	1	1
23	2	2	0	1	2	0	3	2	2	2	1	1	2
24	2	4	2	2	2	4	4	2	2	4	2	3	3
25	4	0	2	0	1	3	2	5	2	2	0	0	2
26	2	2	0	0	0	5	2	0	2	0	0	2	1
27	1	***	***	***	***	***	***	0	0	2	2	0	***
28	0	2	0	5	5	0	3	5	3	1	5	0	2
29	3	0	3	7	3	1	2	2	0	5	2	0	2
30	3	9	0	7	3	0	0	0	0	0	0	2	2
MEAN	2	2	2	2	2	1	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 50 CEDAR ST SUDBURY

NO 77020

MONTH OCT 71

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	0	2	0	2	5	1	5	7	3	2
2	2	3	2	2	0	0	1	2	0	0	3	0	1
3	0	0	0	0	2	0	3	3	2	0	0	2	1
4	2	0	3	2	0	2	0	0	3	0	0	3	1
5	3	0	0	3	3	0	3	2	1	5	0	2	2
6	0	0	0	0	1	2	0	0	0	5	0	0	1
7	0	0	5	2	0	3	2	5	0	3	6	5	3
8	10	4	2	5	0	3	3	0	5	0	2	1	3
9	0	2	0	3	1	4	2	6	2	4	2	1	2
10	3	0	0	0	2	2	2	0	3	2	0	2	1
11	2	2	1	0	1	0	3	0	0	0	2	2	1
12	3	3	0	2	3	0	0	2	0	2	2	11	2
13	3	0	4	5	3	2	3	5	3	5	7	9	4
14	6	0	2	6	0	3	2	0	3	2	2	2	2
15	2	5	5	5	5	2	3	2	7	2	3	2	4
16	2	0	6	0	2	3	0	0	0	2	0	2	1
17	2	0	2	2	0	0	1	0	3	0	2	2	1
18	3	0	0	3	2	5	2	4	3	6	5	7	3
19	3	3	5	2	3	3	5	3	2	2	0	5	3
20	3	1	5	4	3	2	2	3	3	0	4	7	3
21	3	4	5	3	6	3	5	3	3	3	5	3	4
22	6	0	2	5	0	3	2	2	2	2	2	0	2
23	0	1	0	5	0	0	0	2	0	2	2	2	1
24	1	1	3	1	0	3	2	0	2	2	2	0	1
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	3	1	2	3	2	2	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1971

STATION - 50 CEDAR ST SUDBURY

NO 77020

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	17	4	8	29
FEB	DATA MISSING			
MAR	16	2	4	14
APR	30	2	4	11
MAY	31	2	5	12
JUN	24	2	4	9
JUL	31	2	3	10
AUG	31	2	3	11
SEP	30	2	3	9
OCT	24	2	4	11
YEAR	234	2	8	29

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 71

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 50 CEDAR ST SUDBURY

NO 77020

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	127	58	8	3	2	0	0	198
FEB	DATA MISSING							
MAR	159	24	3	0	0	0	0	186
APR	341	16	1	0	0	0	0	358
MAY	329	38	1	0	0	0	0	368
JUN	230	36	0	0	0	0	0	266
JUL	332	35	0	0	0	0	0	367
AUG	325	42	1	0	0	0	0	368
SEP	333	20	0	0	0	0	0	353
OCT	245	42	1	0	0	0	0	288
YEAR	2421	311	15	3	2	0	0	2752

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
83	0	0.3	0.8	1.5	2.2	4.3	5.4	7.1	8.9	29		2.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HAPPY VALLEY FALCONBRIDGE

NO 77023

MONTH MAY 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13	1	1	2	5	3	5	5	6	4	4	2	2	2	2	2	2	2	1	1	4	7	6	6	1	****
14	1	1	0	1	2	2	1	0	2	0	2	2	2	4	2	1	1	2	4	0	1	2	0	0	2
15	1	2	1	2	2	0	0	1	1	2	3	3	5	3	3	3	4	3	2	3	3	2	4	4	2
16	1	4	3	3	4	3	3	3	3	1	0	1	1	2	1	2	0	0	0	0	0	0	0	0	1
17	1	0	0	0	0	0	2	7	1	2	3	0	0	1	2	2	2	1	0	1	0	1	1	1	1
18	1	0	1	0	2	1	2	1	3	8	4	3	3	2	3	3	4	5	2	2	2	2	1	0	2
19	0	1	1	1	0	1	1	0	0	1	1	0	6	4	3	3	3	5	3	3	3	4	3	2	2
20	0	0	1	2	1	1	1	1	1	1	0	1	2	1	1	1	0	12	1	1	21	3	3	2	2
21	2	0	2	1	0	1	0	0	1	0	1	2	1	0	1	0	1	2	2	2	0	0	0	2	1
22	2	2	4	1	1	1	1	2	2	3	2	1	1	0	2	2	2	2	1	3	5	6	1	1	2
23	0	0	1	1	1	0	3	1	0	1	1	0	1	2	2	1	1	1	1	1	0	1	0	1	1
24	0	1	0	0	1	0	2	1	1	1	1	1	0	1	2	1	1	0	0	1	2	1	3	1	1
25	0	0	1	0	1	1	1	5	1	0	1	3	1	1	1	0	0	1	0	1	2	1	2	2	1
26	1	0	0	0	0	0	2	3	2	2	4	4	6	1	2	3	1	0	0	0	4	1	1	1	2
27	2	1	2	3	1	2	3	1	1	1	0	0	2	2	1	1	1	0	3	5	0	1	0	1	1
28	2	1	2	5	2	2	2	3	3	1	2	2	1	1	2	3	1	2	1	0	1	1	0	0	2
29	2	1	3	3	1	2	4	5	3	2	1	2	1	2	2	2	1	1	1	1	1	0	1	0	2
30	1	1	1	1	1	2	2	3	2	3	2	2	2	2	2	2	5	2	2	1	2	1	1	0	2
31	0	1	1	0	0	1	1	1	1	2	1	0	3	1	2	2	1	1	1	1	1	1	4	4	1
MEAN	1	1	1	2	1	1	2	2	2	2	2	1	2	2	2	2	2	2	1	2	3	2	1	1	2

PERCENTAGE OF DATA VALID - 62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HAPPY VALLEY FALCONBRIDGE

NO 77023

MONTH JUN 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	2	2	2	3	3	5	6	3	2	2	3	3	2	5	5	0	0	3	3	7	3	3
2	3	3	3	2	2	3	3	****	****	3	2	2	2	1	1	1	1	1	1	2	2	1	2	1	2
3	2	3	3	2	3	3	3	2	3	3	5	5	3	3	3	5	7	7	3	4	6	4	3	2	4
4	2	3	5	7	3	4	2	1	1	0	2	3	3	3	2	4	2	4	3	8	11	3	2	0	3
5	0	1	1	2	1	1	1	1	0	1	1	1	2	0	2	1	0	1	1	0	2	1	1	1	1
6	0	2	0	0	1	1	1	3	2	4	4	4	4	3	2	3	5	****	****	****	2	2	3	3	2
7	3	1	1	1	2	3	3	3	4	4	3	3	2	3	4	1	0	1	5	0	****	****	1	3	2
8	3	1	1	3	5	9	8	5	4	3	8	4	4	5	3	3	3	2	3	0	0	1	4	6	4
9	5	2	1	2	1	2	3	4	1	1	0	1	1	2	1	1	2	2	1	2	0	0	0	2	2
10	2	2	2	1	2	2	1	2	1	13	5	3	2	2	2	1	2	2	1	2	1	13	5	3	3
11	4	3	3	3	2	3	3	2	1	2	2	2	2	1	1	1	1	2	1	2	2	2	2	2	2
12	3	2	1	3	1	2	2	3	5	6	5	6	10	4	4	2	4	4	4	2	3	2	2	2	3
13	2	3	2	2	3	3	3	4	3	3	3	3	3	3	3	1	1	2	1	2	7	3	2	2	3
14	2	1	1	1	2	1	1	1	1	3	3	3	2	2	2	2	2	2	1	1	5	2	3	3	2
15	2	2	2	2	2	4	2	5	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	3	2	2	3	3	7	3	3	3	3	3	3	3	4	4	4	3	3	1	2	3	7	4	3	3
18	4	3	5	4	3	4	4	6	5	6	5	5	4	6	6	5	4	4	3	6	8	5	6	5	5
19	5	9	8	6	6	6	7	7	6	5	6	4	4	4	3	3	3	2	0	1	1	2	2	2	4
20	3	2	2	3	3	4	10	9	11	6	6	6	6	3	3	1	1	2	2	2	1	1	2	4	4
21	8	5	3	3	0	0	1	2	1	2	1	2	1	2	1	2	1	1	0	0	2	7	1	0	2
22	0	0	0	0	0	0	1	2	1	1	0	1	1	0	3	2	2	1	1	1	0	0	1	0	1
23	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	0	1	0	1	0	1
24	0	0	0	0	0	0	1	0	1	0	0	2	1	1	1	1	1	1	0	1	0	1	1	2	1
25	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	2	1
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28	0	0	0	0	0	4	0	1	2	1	2	2	3	2	3	0	0	1	0	0	0	1	0	****	****
29	3	3	3	3	2	3	3	4	5	4	3	3	4	2	3	2	2	2	1	1	0	6	0	0	3
30	1	1	2	1	1	2	1	2	3	4	4	4	4	4	2	2	2	1	2	2	1	1	1	1	2
MEAN	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	2	2	2

PERCENTAGE OF DATA VALID - 87

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HAPPY VALLEY FALCONBRIDGE

NO 77023

MONTH JUL 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	4	1	0	0	1	1	1	2	1	1	1	0	0	2	0	0	0	0	0	0	1
2	0	0	0	0	1	0	2	1	1	3	2	2	2	2	2	0	2	1	1	1	0	0	0	0	1
3	0	0	0	1	2	2	3	2	2	1	1	2	1	1	1	2	1	0	1	0	0	1	0	1	1
4	1	0	1	1	0	2	2	2	2	4	4	4	3	3	3	5	3	3	3	3	4	4	4	3	3
5	3	3	1	3	3	3	4	3	4	4	3	2	2	2	2	2	2	2	2	1	1	1	1	1	2
6	1	1	2	1	2	2	2	2	1	2	2	3	4	4	4	3	3	3	1	1	1	1	2	1	2
7	1	1	3	3	3	4	1	1	2	0	1	2	1	2	2	2	1	1	1	1	0	0	0	0	1
8	0	0	1	1	1	1	2	3	3	3	3	3	3	3	4	4	3	2	3	2	2	2	3	2	2
9	2	2	2	1	1	1	1	1	1	1	2	2	2	4	3	4	5	2	3	1	0	0	0	1	2
10	1	1	2	1	0	2	1	2	0	1	0	1	1	1	1	2	1	1	2	2	3	2	1	8	4
11	2	2	3	1	1	2	2	4	3	2	3	7	4	3	2	4	2	1	1	0	0	0	1	1	2
12	0	1	2	1	1	4	1	1	3	2	0	0	0	2	1	2	2	2	0	0	1	0	1	1	1
13	2	3	2	3	3	3	3	5	6	5	4	3	3	2	2	1	1	1	1	0	1	2	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	2	5	3	6	4	5	6	3	3	3	2	2	3	2	0	2	1	3	3	2	3	4	3
16	3	3	3	3	3	3	4	5	4	3	2	2	2	3	2	2	3	2	2	1	1	2	3	2	3
17	2	1	2	1	0	0	1	0	0	1	1	1	1	2	2	2	1	0	0	0	1	2	1	1	1
18	1	0	1	4	4	3	1	1	2	1	1	1	1	2	1	0	2	1	1	2	2	2	1	0	1
19	1	1	1	1	1	2	3	2	2	2	2	3	2	2	2	2	1	1	0	0	2	1	1	2	2
20	0	1	1	1	1	2	2	3	4	2	2	2	1	1	1	3	2	2	1	2	2	2	0	0	2
21	0	1	1	1	1	0	2	5	4	2	2	2	5	5	4	5	2	2	3	4	3	3	4	5	3
22	5	1	5	4	4	4	4	4	3	2	2	2	3	3	3	5	3	3	2	2	1	1	1	2	3
23	2	1	1	2	2	0	4	2	1	2	1	3	1	2	0	2	0	1	0	0	2	2	2	2	2
24	1	3	3	4	3	7	2	1	2	1	2	0	1	2	1	2	2	1	1	0	0	0	1	0	2
25	0	1	2	1	1	2	2	2	3	3	2	2	0	1	2	1	2	2	1	1	1	1	1	1	1
26	4	5	5	5	3	5	4	3	4	2	2	5	4	3	3	3	2	1	1	1	1	1	1	1	1
27	0	0	0	0	0	0	0	1	6	1	1	2	1	1	1	2	1	2	1	0	0	0	1	1	1
28	1	0	0	1	1	3	2	3	1	3	5	3	4	3	3	4	2	3	3	2	4	3	2	4	3
29	2	2	2	1	1	1	2	4	2	2	2	1	1	0	1	1	1	3	1	0	1	1	3	1	2
30	1	0	1	0	1	2	2	2	2	1	3	4	3	1	3	1	1	1	1	0	1	1	1	0	1
31	1	1	1	1	2	1	1	1	1	1	3	1	1	1	1	0	1	1	3	3	3	3	2	1	1
MEAN	1	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HAPPY VALLEY FALCONBRIDGE

NO 77023

MONTH AUG 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	3	3	3	2	4	4	4	3	2	3	2	3	2	2	2	3	3	2	3	3	4	3	3
2	4	3	3	4	3	3	4	4	4	3	4	3	2	4	3	3	4	3	3	5	3	5	6	4	3
3	7	0	1	0	1	1	2	1	0	0	1	0	0	1	1	2	1	0	0	0	2	1	2	4	1
4	2	2	0	0	1	1	3	2	6	3	2	2	2	2	3	3	3	0	0	1	1	2	1	0	2
5	0	1	2	2	1	2	1	2	3	3	3	2	1	2	2	2	1	1	2	2	9	0	0	0	2
6	1	0	0	0	1	2	3	1	1	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	1	1	1	2	3	2	4	3	2	3	2	3	3	4	4	5	4	4	4	3	2	3	4	3	3
8	2	2	3	6	7	7	8	4	7	8	7	5	5	5	5	5	6	4	5	5	5	5	5	5	5
9	5	4	5	6	5	4	4	5	4	4	4	3	4	3	4	4	1	2	2	2	1	1	1	1	3
10	2	0	1	1	1	0	1	0	1	2	4	1	7	1	1	1	0	1	0	1	0	0	0	0	1
11	0	1	2	2	1	3	3	4	1	1	1	1	2	2	2	3	3	3	2	2	3	1	1	2	2
12	2	0	1	1	1	1	1	1	1	0	1	2	2	3	0	1	2	3	1	1	1	1	1	1	1
13	2	0	1	1	1	1	1	1	1	0	1	2	2	3	0	1	2	3	1	1	1	1	1	1	1
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	2	2	2	2	2	2	3	2	3	3	3	3	3	2	2	3	2	2	2	3	2	3	2	2	2

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HAPPY VALLEY FALCONBRIDGE

NO 77023

MONTH SEP 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	2	1	3	2	2	3	3	3	2	1	2	1	1	1	1	1	0	1	1	1	2	
2	1	1	1	1	2	3	2	3	5	5	4	6	5	6	6	5	5	7	7	6	7	6	3	6	
3	6	7	5	6	6	6	4	4	4	5	4	5	5	4	3	5	4	3	4	3	3	3	4	4	
4	4	4	4	5	5	4	5	5	5	4	5	4	5	6	5	4	6	4	4	3	3	3	4	4	
5	4	5	5	4	3	4	4	4	5	3	3	4	4	3	3	4	3	3	3	4	5	6	12	5	
6	4	5	3	3	4	3	3	3	3	3	3	3	3	2	2	1	2	1	1	2	2	2	2	3	
7	3	3	3	3	3	2	2	3	3	4	3	4	2	2	2	2	2	1	1	1	1	1	1	2	
8	1	1	1	1	2	1	1	1	2	3	3	2	3	4	6	4	5	4	2	2	0	0	0	2	
9	1	0	1	0	0	2	3	2	3	3	2	3	1	2	2	3	4	4	3	2	2	2	2	2	
10	1	2	1	2	2	2	4	4	2	3	5	3	3	3	2	4	2	2	1	2	2	2	2	2	
11	3	4	3	5	4	5	3	3	2	2	3	3	3	2	2	2	1	1	1	2	2	2	1	2	
12	2	3	1	1	2	0	1	1	3	1	2	2	2	2	2	2	2	3	4	1	1	1	1	2	
13	1	2	3	2	2	7	1	0	5	5	0	1	0	0	1	1	0	0	0	0	0	1	0	2	
14	0	0	1	0	0	0	1	0	0	1	0	3	3	3	3	2	1	2	3	2	3	2	4	6	
15	8	7	3	2	3	6	6	2	4	2	2	2	2	2	2	1	1	1	1	2	0	1	1	1	
16	1	2	1	4	4	6	6	8	3	3	2	3	2	3	2	3	3	2	2	1	1	1	1	3	
17	2	4	2	1	3	2	1	1	3	3	4	4	4	3	3	2	1	1	1	1	1	1	1	2	
18	2	2	2	1	2	1	3	1	1	3	2	3	2	2	2	2	2	1	2	1	1	1	1	1	
19	2	1	1	1	1	1	2	2	2	2	2	1	2	1	2	1	1	1	2	1	0	1	1	1	
20	1	1	1	1	2	3	2	6	2	3	3	2	1	3	2	2	3	1	1	1	1	1	0	0	
21	0	0	0	0	0	0	0	0	4	6	3	1	1	2	2	1	1	0	1	1	1	1	2	2	
22	1	1	1	2	0	0	1	1	1	1	1	1	2	2	2	0	0	0	0	0	0	0	0	1	
23	0	1	0	1	1	1	1	1	1	2	2	2	3	2	2	0	0	0	0	0	1	0	0	1	
24	1	1	1	1	1	3	1	2	2	2	3	1	2	2	1	1	1	2	2	3	2	0	1	2	
25	1	1	1	1	1	1	2	2	3	3	3	3	4	3	3	2	2	2	1	1	2	2	3	4	
26	2	3	3	2	2	2	3	4	3	3	4	3	3	2	2	2	2	1	2	2	1	0	0	1	
27	1	1	1	1	1	1	2	3	2	3	3	3	3	3	2	2	3	3	5	4	1	2	2	2	
28	2	1	3	2	3	3	2	3	1	0	2	2	3	2	2	3	4	4	4	4	5	5	4	3	
29	3	3	3	3	1	2	0	0	1	1	1	2	1	2	3	2	2	1	1	1	1	1	1	1	
30	1	1	1	2	2	2	2	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
MEAN	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HAPPY VALLEY FALCONBRIDGE

NO 77023

MONTH OCT 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	2	2	2	2	2	2	2	11	7	6	5	7	7	5	6	7	7	7	7	7	7	5
2	7	7	6	6	6	4	1	1	1	1	1	2	1	0	1	0	1	1	0	0	1	0	1	1	2
3	1	1	0	1	0	1	1	1	0	1	5	3	2	2	3	3	3	3	11	19	4	1	3	3	
4	3	1	1	2	1	1	2	1	5	1	2	1	2	1	2	2	2	1	0	1	2	2	2	4	2
5	5	2	1	2	2	2	2	1	1	3	3	1	1	2	2	2	2	2	1	1	2	2	7	1	1
6	1	1	1	1	1	0	1	1	1	2	2	2	2	1	1	0	1	2	1	1	1	0	1	1	2
7	2	1	1	1	1	1	0	1	2	1	1	1	2	2	1	2	1	2	2	2	3	1	1	1	
8	3	2	3	3	9	2	8	2	5	5	2	2	2	2	1	2	1	1	3	3	2	3	2	1	3
9	1	2	1	2	2	2	2	1	2	3	5	5	4	5	4	3	4	2	2	2	1	1	1	2	2
10	2	3	4	5	2	2	2	2	3	3	2	1	2	1	3	1	2	1	1	1	3	1	2	2	2
11	1	2	3	1	2	2	1	2	2	2	0	1	1	0	1	1	1	1	0	0	0	0	0	1	1
12	3	6	2	0	1	2	1	2	2	0	1	1	0	1	0	1	0	1	0	0	0	1	0	0	0
13	0	0	0	0	1	0	1	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0
14	2	1	1	0	0	0	1	1	0	0	1	1	0	1	1	3	4	4	4	5	5	6	8	2	2
15	8	9	7	9	8	6	8	13	8	7	5	6	6	6	6	5	5	5	5	3	2	1	0	0	0
16	1	0	1	1	1	1	1	1	4	1	1	1	1	1	2	1	0	0	1	3	2	2	1	1	1
17	0	2	1	0	1	1	1	1	1	1	3	5	11	1	4	4	7	7	7	9	11	6	3	4	4
18	8	6	6	6	7	5	5	4	6	7	6	7	6	6	11	6	7	7	6	8	7	6	8	7	7
19	7	8	8	9	7	5	6	5	7	8	7	7	6	5	4	3	4	4	4	4	4	4	3	5	5
20	5	6	7	7	7	8	8	7	6	7	6	7	9	12	11	10	9	7	7	7	7	6	7	7	7
21	6	5	6	5	7	5	8	8	7	7	9	9	8	7	7	6	7	6	7	7	7	8	7	8	7
22	7	7	8	7	8	9	7	7	6	4	3	4	3	3	2	6	7	6	1	0	2	1	1	1	5
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	2	1	1
24	1	2	1	1	1	0	1	1	1	2	2	3	3	4	5	5	4	4	4	3	3	3	2	3	2
25	3	2	2	2	2	2	3	2	4	3	3	3	2	0	0	0	2	0	0	0	0	0	0	1	1
26	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0	1	0	1	1	1	0	0	0	0	0
27	1	1	0	1	0	0	0	0	0	1	0	0	1	0	1	1	0	0	1	0	0	0	0	1	0
28	0	1	0	0	1	1	0	0	5	4	4	4	3	3	3	3	2	3	3	3	2	2	3	3	2
29	1	1	2	3	1	1	2	3	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	40	3
31	50	14	1	2	2	3	4	5	5	7	20	28	33	38	13	6	4	3	10	3	1	2	1	1	11
MEAN	4	3	3	3	3	2	3	2	3	3	4	4	4	4	3	3	3	3	3	3	3	2	3	4	3

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HAPPY VALLEY FALCONBRIDGE

NO 77023

MONTH NOV 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	1	6	2	3	2	1	1	1	1	2	1	1	1	1	2	2	1	1	0	0	0	1
2	1	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	1	1	1	0	1	0	1	1	1
3	1	1	2	1	2	1	2	2	3	2	1	1	1	2	1	10	1	1	0	0	1	0	2	2	2
4	1	1	1	2	1	1	1	3	1	1	1	0	2	2	1	2	1	1	1	0	1	1	0	1	1
5	1	1	0	1	2	1	2	2	2	1	1	3	2	6	5	5	4	4	5	6	5	6	4	2	3
6	3	3	3	3	3	3	4	2	2	2	4	2	2	1	2	2	2	3	3	1	1	1	2	2	2
7	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	0	1	1	0	1	0	2	1	1
8	1	1	1	0	1	1	1	2	2	1	2	1	0	2	1	2	2	2	2	1	2	1	1	1	1
9	3	1	1	1	1	1	3	3	3	3	3	3	2	2	2	2	2	3	5	4	4	3	3	3	3
10	2	2	2	3	3	2	2	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	2	1	1	2	2	2	1	2	5	4	5	2	2	2	2	2	2	2	2	3	2
12	2	1	1	1	2	2	2	3	6	4	2	3	2	2	2	4	4	2	2	1	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	2	1	2	2	2	3	0	1	0	1	1	0	1	1	1	1
14	1	1	1	0	0	0	1	1	1	1	1	2	2	2	1	1	2	1	1	1	2	1	1	1	1
15	1	1	1	1	2	2	3	4	4	4	4	4	3	3	3	3	3	3	3	5	4	4	5	4	3
16	4	5	5	5	5	5	9	3	5	5	9	4	3	2	2	5	6	4	4	3	3	3	2	3	4
17	2	2	2	2	2	2	1	2	2	2	2	2	3	2	6	5	5	4	5	4	4	5	5	3	3
18	5	3	6	7	7	7	8	7	10	8	8	9	8	7	7	6	7	8	7	7	7	6	4	7	7
19	3	4	3	2	1	0	0	0	1	1	1	0	0	1	1	1	1	1	3	3	1	1	1	1	1
20	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	0	1	1	1	2	2	1	0	3	5	5	3	4	5	7	5	4	4	4	4	4	2	2	2	3
22	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1
23	1	2	2	1	1	4	3	1	1	1	2	2	0	1	1	2	2	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1
25	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	3
26	7	6	6	6	4	4	3	4	4	4	3	3	3	4	1	2	3	2	2	2	2	2	2	2	3
27	3	2	2	4	1	1	1	1	2	2	1	2	1	2	1	1	1	1	4	2	2	3	1	1	2
28	2	2	2	1	1	2	3	1	2	1	2	1	2	1	3	1	1	1	3	1	1	0	1	1	2
29	1	1	0	1	0	1	1	2	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
30	1	0	1	1	0	0	1	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	1	0
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HAPPY VALLEY FALCONBRIDGE

NO 77023

MONTH DEC 71

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	0	1	0	0	0	0	1	0	1	1	0	9	0	0	0	0	0	0	0	1	1	1
2	1	1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	1	0	0	0	1	0	0	1	0	0	0	1	1	0	1	1	0	0	1	0	1	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0
5	0	1	0	0	0	1	0	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
6	0	0	0	0	3	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
7	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	3	3	2	2	2	2	2	2	1
8	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	2	3	2	1	2	2
9	2	3	1	2	2	2	2	2	2	4	4	3	3	2	2	2	2	2	2	2	3	3	4	3	2
10	2	1	2	2	2	3	3	5	3	3	4	2	2	2	1	1	2	0	1	0	3	0	0	0	2
11	1	2	1	1	1	1	1	1	6	9	9	9	3	2	1	2	3	4	1	1	1	1	1	1	3
12	1	1	1	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1	2
13	2	2	2	3	1	1	1	2	2	3	1	3	3	0	1	2	1	1	1	1	0	1	1	2	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	- DATA MISSING -																								
16	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	3	2	0	1
18	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	2	3	2	2	3	1
19	3	3	2	1	1	1	1	1	1	2	2	1	1	20	2	1	1	1	2	0	1	1	1	1	2
20	1	1	1	1	1	3	1	2	2	2	4	5	3	5	4	4	3	3	3	4	4	4	4	3	3
21	3	3	2	2	3	2	2	3	2	3	2	1	1	1	1	2	0	0	1	0	1	2	1	0	2
22	0	1	1	1	1	0	1	1	1	1	1	1	1	1	2	2	1	1	2	2	1	1	1	1	1
23	1	1	1	1	1	1	2	2	3	2	2	1	1	2	2	2	2	2	2	5	3	4	5	2	2
24	5	5	5	4	3	4	2	3	4	5	5	3	1	1	2	0	0	1	1	0	1	1	0	2	2
25	1	0	0	0	0	1	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	0	2	2	1
26	2	1	2	2	2	1	2	1	1	0	1	2	1	1	1	3	3	2	2	1	0	0	0	0	1
27	1	0	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	2	2	2	1	1	3	6	1
28	1	1	2	2	2	4	4	9	1	1	2	2	1	1	2	2	2	11	4	3	9	2	1	0	3
29	1	2	1	2	2	2	2	1	1	1	1	1	1	0	1	1	1	3	1	2	7	2	1	0	2
30	1	1	1	1	1	1	0	0	1	0	1	3	1	0	3	4	4	4	3	2	2	3	3	4	2
31	4	3	0	1	1	2	2	0	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	2	1	1	2	1	1	1	1

PERCENTAGE OF DATA VALID - 94

19 AM 116
8005

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9693600020181